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Lancaster Farming

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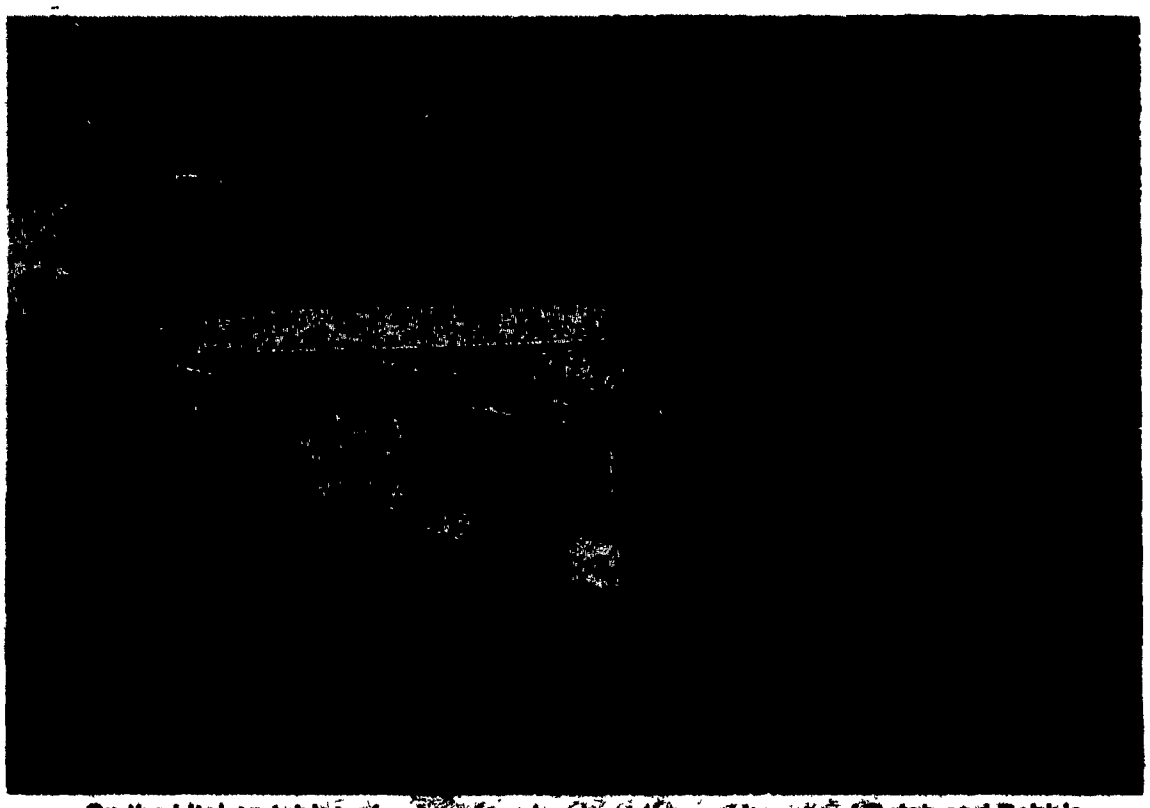
Annual Dairy Issue — An Industry Showcase



On the kitchen tables of consumers is where the real beauty of Ralph and Debbie Robertsons' Spinning Wheel Farm is found. This Westminster, Md. couple earned their quality premium for 12 consecutive months in 1988 from Atlantic Dairy Cooperative. They were one of 39 member families to do so.

Quality Is #1 At Spinning Wheel Farm

BY PAT PURCELL

WESTMINSTER, MD — In the picturesque Wakefield Valley in northern Carroll County Maryland, the Robertsons' farm is one of several beautifully kept farms.

The lush green pastures dotted with cattle, the rolling fields of grain, the winding patterns made by windrows and the fragrance of fresh cut hay make this area just southwest of Westminster one of the most attractive areas to live in Maryland.

The continously burgeoning housing developments are a constant reminder to Ralph Robertson and his wife Debbie that this way of life must be preserved. Ralph is very supportive of the ag land preservation program in his state and chairs the Carroll County program which now has nearly 20,000 acres in preservation.

Ralph, and his wife Debbie milk 85 mostly grade Holsteins, own 137 acres, rent five farms and crop 450 acres. Owned by the third-generation of Robertsons, the Spinning Wheel Farm is neat, clean and well-maintained, looking like many other attractive dairy farms.

But the beauty of this farm goes far beyond its appearance. As a matter of fact, the real beauty of this farm goes all the way to consumers' kitchen tables, to restaurants and school cafeterias.

While many dairy farms produce high quality milk and earn quality premiums, few farms earn that distinction for 12 consecutive months. The Robertsons are one of just 39 milk producers with the Atlantic Dairy Cooperative who did just that for the 1988 fiscal year.

That means the somatic cell count is consistently 200,000 or below, the PI count is below 30,000 and standard plate count is below 10,000. What that means to

(Turn to Page A20)

Industry Leaders Also Give Opinions

Herd Owners Discuss On-Farm BST Trials

BY
EVERETT NEWSWANGER
Managing Editor

BELLEFONTE (Centre Co.)—Several years ago, when Tom Craig, Bellefonte worked with Penn State University and the Eli Lilly Pharmaceutical Company to test bovine somatotropin under ordinary dairy farm conditions, he saw an increase in milk production within 48 hours. But he didn't find a utopian situation as some people had predicted.

"If you think BST will be a major cure-all, you will be disappointed," Craig said. "Management will be the key. Management in feeding. Management in herd health. And with the added stress of high production, you will need to be on top of everything you do."

In the trial on Craig's farm, a sustained release injection was given every 28 days. They weighed the milk and feed each milking and got between 10 and 20 percent increase in milk. The cows ate a little more but feed efficiency increased.

"We had help from the nutritionists at PSU," Craig said. "But I did notice that we were fortifying the ration with high energy product we were not using before."

The milk was tested each week and there was no difference in fat, protein or any other component that could be attributed to BST. There were no reproduction problems that could be attributed to BST.

The cows were injected right after calving. But Craig thinks it would be better to wait until after the cow reached peak production in the lactation. In first calf heifers, the response was not as great as in older cows, because the heifers used the BST to grow.

In the trial on the Craig farm, a small gauge needle was used for the injection right under the skin. The cows had no extraordinary reaction to the injection. Craig would not like to give the injection in the milking parlor. And in a free stall barn he would recommend locking head gates or a squeeze shoot. He said the process did take extra time but said that you could divide the herd into groups to treat at different times.

Craig said he has wrestled with

(Turn to Page A27)

"Make it with milk," is the rallying cry for June Dairy Month. Across the nation, June is a month-long tribute to the quality and freshness of real dairy foods. Pennsylvania Dairy Princess Kimberly Bonzo tells students at Big Knob Elementary School in Beaver County that milk contributes more than 70 percent of our daily calcium needs and many other nutrients.

Hershey School Farms

Why Is Their Alfalfa Program Tops In Pennsylvania?

BY LISA RISSER

HERSHEY (Lancaster Co.) — Henry Hershey would be proud. As one of the first farmers to bring alfalfa to the area, he would be delighted at the success of the Milton Hershey School Farms' alfalfa program. His son's school was winner of the 1988 Pennsylvania Alfalfa Producers Program.

"We've been competing since the initial formation of the program in 1971," said Al Dugan, director of research for the school. "We've been twice a bridesmaid, but never a bride."

What makes the win even more remarkable is that, despite a drought situation, the school turned in its highest yield ever of 9.40 tons per acre. The winning plot showed a crude protein level of 3,408 pounds and a total digestible nutrient level of 10,147 pounds.

The school has 6,300 acres of crop land of which about 625 is devoted to alfalfa. The remaining acreage is used to grow corn, barley, soybean, oats, and mixed timothy hay. The winning entry

(Turn to Page A23)

Livestock Market and Auctions

Some markets not covered by PDA or USDA due to holiday

Lancaster Livestock Auction

Monday, May 29, 1989
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Auction	1113	39	702	837	397
Last Monday's Auction	1285	29	326	1401	357
Last Year's Auction	804	72	719	554	378

AUCTION NOT COVERED - FEDERAL HOLIDAY.

Isennock Auction

New Park, Pa.
Monday, May 29, 1989
Report supplied by auction

SLAUGHTER COWS: GOOD 46.00-47.75, LOW TO GOOD 44.75-45.25; LOW & CULL 43.00 AND LOWER.

VEAL CALVES: 115-130 LBS. 100.00-143.00, 100-110 LBS. 95.00-170.00, 85-95 LBS. 90.00-115.00, 80 LBS. AND BELOW 98.00 AND LOWER; UTILITY CALVES 115-130 LBS. 107.00-180.00, 100-110 LBS. 105.00-173.00, 80-95 LBS. 102.00-127.00.

FEDDER CATTLE: STEERS 650-770 LBS. 68.00-69.00; HOLSTEINS 500-670 LBS. 55.00-58.00; BULLS: 255-405 LBS. 67.50-72.00.

BULLS: 1000-1070 LBS. 49.00-52.00.

SOWS: 305-340 LBS. 20.00-30.75.

HOGS: 135-150 LBS. 31.00-40.00.

FEEDER PIGS: UNDER 35 LBS. 13.00; OVER 35 LBS. 21.00-26.00.

GOATS: MEDIUM 40.00-50.00; SMALL 30.00-34.00.

Jersey Shore Livestock Market, Inc.

Auction every Thursday at 4:00 p.m.
Jersey Shore, Pa.
Report supplied by Auction
Thursday, June 1, 1989

RETURN TO FARM CALF 100.00-187.50.

GOOD VEAL 80.00-120.00.

COMMON VEAL 50.00-79.00.

CHOICE STEERS 74.00-79.25.

SELECT STEERS 68.00-75.00.

COMMON STEERS 56.00-67.00.

COMMERCIAL COWS 48.00-56.75, COUPLE BEEF TYPE 63.75.

CANNERS-CUTTERS 44.00-53.00.

SHELLS 37.00-43.00.

CHOICE HEIFERS 69.00-74.50.

SELECT HEIFERS 62.00-68.00.

COMMON HEIFERS 54.00-61.00.

GOOD FEEDERS 70.00-92.00.

COMMON FEEDERS 40.00-69.00.

BULLS 54.00-64.50.

GOOD HOGS 45.00-47.10.

HEAVIES 35.00-44.00.

Greencastle Livestock

Greencastle, Pa.
Thursday, June 1
Report supplied by PDA

CATTLE: 232. COMPARED WITH LAST THURSDAY'S MARKET, SL. COWS STEADY TO $1.00 LOWER. COUPLE CH. SL. HEIFERS HOLSTEINS 61.50-62.75; BREAKING UT. & COMMERCIAL SL. COWS 48.00-52.25; CUTTER & BONING UT. 48.50-53.25, CANNER & LOW CUTTER 45.00-48.75; SHELLS DOWN TO 43.00; FEW YIELD GRADE NO. 1 1100-1500 LB. SL. BULLS 57.10-62.00. FEEDER CATTLE: STEERS: FROM MEDIUM FRAME NO. 1 .315/580 LB. STEERS & BULLS 69.00-85.00.

CALVES: 481. CHOICE 101-114 LB. FEW GOOD 85.00-95.00; STANDARD & GOOD 75-100 LBS. 87.00-101.00; UTILITY 60-85 LBS. 70.00-85.00; HOLSTEIN BULLS #1 90-130 LBS. 135.00-170.00,

Vintage Livestock Auction

Tuesday, May 30, 1989
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	722	558	25	6
Last Tuesday	889	418	28	5
Last Year	865	751	13	6

CATTLE: COMPARED TO LAST THURSDAY SLAUGHTER STEERS STEADY TO 50 LOWER, AFTER EARLY SALES BEING 50-1.00 LOWER; SLAUGHTER HEIFERS STEADY; COWS STEADY, INSTANCES 1.00 HIGHER ON CUTTER ANDBONING UTILITY; BULLS AND BULLOCKS SCARCE. SUPPLY INCLUDED 56% SLAUGHTER STEERS AND 37% COWS.

SLAUGHTER STEERS: FEW HIGH CHOICE AND PRIME 2-4 1150-1450 LB 75.50-77.00, 10 HEAD 77.25-77.75; CHOICE 2-4 1100-1450 LB 72.75-75.10, LATE MAINLY 73.35-75.10, FEW 75.25-75.60; CHOICE 3 TO MOSTLY 4 1200-1450 LB 70.25-74.10; SELECT AND LOW CHOICE 2-3 1100-1400 LB 68.85-73.75; FEW SELECT 2-3 1050-1275 LB 66.75-69.50.

SLAUGHTER HEIFERS: FEW CHOICE 2-3 950-1150 LB 70.00-72.75; SELECT 2-3 925-1100 LB 66.10-70.00.

COWS: BREAKING UTILITY AND COMMERCIAL 2-3 BULK 49.00-51.00, HI DRESSING 51.75-54.25; COMMERCIAL 3-4 BULK 45.00-48.50; CUTTER AND BONING UTILITY 1-2 LO DRESSING 47.00-48.75, BULK 48.75-51.75, HI DRESSING 52.00-53.50; CANNER AND LOW CUTTER LO DRESSING 44.25-46.00, BULK 46.00-47.75.

BULLOCKS: FEW SELECT AND CHOICE 1-2 1100-1350 LB 62.25-64.50.

BULLS: FEW YIELD GRADE 1 1350-2170 LB 60.50-63.75.

VEAL CALVES: SMALL SUPPLY VEALERS STEADY. SUPPLY INCLUDED 437 IN GRADED SALE OF WHICH 89% SOLD TO RETURN TO FARM.

VEALERS: COUPLE CHOICE 140-195 LB 96.00-100.00; HIGH GOOD AND LOW CHOICE 145-230 LB 82.00-91.00, FEW 80-110 LB 82.00-90.00; STANDARD AND LOW GOOD 70-85 LB 75.00-82.00, FEW 60-70 LB 55.00-65.00.

RETURNED TO FARM: 25 HEAD 120-125 LB HOLSTEIN BULLS 165.00-169.00, 150 HEAD 95-115 LB 174.00-180.00, AND 25 HEAD 80-90 LB 160.00-166.00; 85 HEAD SMALL FRAME 80-115 LB 122.00-139.00; 35 HEAD 100-115 LB HOLSTEIN HEIFERS 140.00-145.00 AND 25 HEAD 90-95 LB 112.00; 35 HEAD SMALL FRAME 70-105 LB 86.00-106.00.

SHEEP: INSUFFICIENT VOLUME TO FULLY TEST TRENDS; FEW GOOD AND CHOICE 30-70 LB SPRING LAMBS 56.00-67.00.

GOATS: INSUFFICIENT VOLUME FOR A MARKET TEST.

Lancaster Livestock Auction

Wed., May 31, 1989

	Cattle	Calves	Hogs	Sheep	Goats
Wed's Auction	73	0	237	0	0
Last Wed's Auction	69	0	511	0	0
Last Year's Auction	188	7	467	0	0

CATTLE: Small supply slaughter steers fully steady. Supply mainly slaughter steers.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1265-1400 lb 76.00-77.60; Choice 2-4 1020-1350 lb 74.25-75.75; Select and low Choice 2-3 1070-1300 lb 70.75-74.50; couple Select 2-3 1000-1250 lb 68.75-71.00.

VEAL CALVES: No market test.

HOGS: Compared to last Wednesday barrows and gilts 1.00 lower; sows 1.00 higher.

BARROWS AND GILTS: US 1-2 210-245 lb 45.75-46.25. US 1 Few 215-235 lb 46.50-47.00. US 1-3 210-265 lb 45.00-45.50.

SOWS: US 1-3 300-650 lb 30.00-33.00. US 1-2 Few 300-400 lb 33.00-34.75.

SHEEP: No market test.

GOATS: No market test.

Indiana Livestock

Homer City, Pa.
Thursday, June 1
Report supplied by PDA

CATTLE: 115. COMPARED WITH LAST THURSDAY'S MARKET, SL. COWS BR. UT. & COMMERCIAL STEADY, OTHERS $1 HIGHER; FEW CHOICE 73.50-75.00; FEW SELECT 1450-1490 LB. 64.25-67.00; STANDARD & SELECT HOLSTEINS 57.00-61.00, UT. 53.50-57.25, CH. SL. HEIFERS COUPLE 70.25 & 72.50, SELECT ONE 64.00, FEW STANDARD 55.00-59.00. BREAKING UT. & COMMERCIAL SL. COWS 46.75-51.75, ONE 52.75, CUTTER & BONING UT. 46.50-50.50, CANNER & LOW CUTTER 39.75-46.75, SHELLS DOWN TO 37.00. SL. BULLOCKS STANDARD ONE 61.00. YIELD GRADE NO. 1 ONE 1545 LB. SL. BULLS 60.00. STEERS: MEDIUM FRAME NO. 1 700-835 LB. 64.50-70.00. HEIFERS: MEDIUM FRAME NO. 1 500-790 LB. 60.00-68.50. BULLS: MEDIUM & LARGE FRAME NO. 1 600-995 LB. 59.50-67.00.

HOGS: 190. BARROWS & GILTS $2 LOWER. US NO. 1-2 220-240 LB. 44.00-44.75, LOT 45.50, 1-3 220-260 LB. 43.50-44.50, 2-3 220-275 LB. 42.75-43.75, LOT 42.00. SOWS $3 TO $4 HIGHER. US NO. 1-3 405-590 LB. 32.50-37.00, FEW 2-3 490-540 LB. 31.00-32.50, FEW 26.00-32.50.

FEEDER PIGS: 14. US NO. 1-3 35-40 LB. FEEDER PIGS 30.00-37.00 PER HD.

New Holland Livestock

New Holland, Pa.
Thursday, June 1

	Cattle	Calves	Sheep	Goats
Today	1166	493	235	43
Last Thursday	1261	315	126	199
Last Year	1349	568	137	91

CATTLE: SLAUGHTER STEERS WEAK TO .50 LOWER, ALTHOUGH SEVERAL EARLY 1.00-1.50 HIGHER; SLAUGHTER HEIFERS NOT FULLY TESTED; COWS 1.00-3.00 LOWER; BULLOCKS STEADY; BULLS STEADY, ALTHOUGH YIELD GRADE 1 NOT FULLY TESTED. SUPPLY INCLUDED 73% SLAUGHTER STEERS AND 18% COWS.

SLAUGHTER STEERS: FEW EARLY SALES HIGH CHOICE AND PRIME 2-4 1250-1450 LB. 75.50-77.25, FEW CHOICE 2 1225-1475 LB. 76.00-77.35; CHOICE 2-4 1015-1450 LB. 73.00-74.50, SEVERAL LOTS 74.50-75.00 WITH AROUND 50 HEAD EARLY 75.00-76.50; CHOICE 3 TO MOSTLY 4 1125-1450 LB. 70.50-73.75; SELECT AND LOW CHOICE 2-3 1050-1325 LB. 69.50-74.00; SELECT 2-3 1000-1200 LB. 67.00-70.50; CHOICE 1250-1550 LB. HOLSTEINS 62.00-66.25, FEW SELECT 1200-1500 LB. 58.75-62.00.

SLAUGHTER HEIFERS: FEW CHOICE 2 1185-1225 LB. 72.50-73.25; SELECT AND LOW CHOICE 2-3 935-1150 LB. 65.00-69.00.

COWS: BREAKING UTILITY AND COMMERCIAL 2-3 BULK 47.00-50.00, FEW HI DRESSING 50.00-51.25; COMMERCIAL 3-4 BULK 43.75-47.75; CUTTER AND BONING UTILITY 1-2 LO DRESSING 45.50-47.00, BULK 47.00-49.75, HI DRESSING 49.75-51.00; CANNER AND LOW CUTTER LO DRESSING 42.50-44.50, BULK 44.50-47.50.

BULLOCKS: SELECT 1-3 1000-1300 LB. 59.00-62.75, COUPLE CHOICE 2 1100-1350 LB. 65.00-67.00.

BULLS: YIELD GRADE 1 1450-1950 LB. 60.50-62.75, COUPLE 63.00-64.75; YIELD GRADE 2 1000-1500 LB. 58.00-60.50.

VEAL CALVES: CHOICE AND PRIME VEALERS 5.00-10.00 LOWER HIGH GOOD AND LOW CHOICE 150-350 LB. STEADY TO WEAK, WITH 80-115 LB. FULLY STEADY. DEMAND GOOD FOR HOLSTEIN BULLS TO RETURN TO FARM.

VEALERS: FEW CHOICE AND PRIME 225-280 LB. 108.00-114.00; CHOICE 200-410 LB. 96.00-100.00; HIGH GOOD AND LOW CHOICE 180-350 LB. 76.00-95.00, 80-120 LB. 84.00-98.00; STANDARD AND LOW GOOD 65-85 LB. 75.00-85.00.

RETURNED TO FARM: BULK 90-125 LB. HOLSTEIN BULLS 160.00-185.00, SEVERAL 185.00-192.00; SMALL FRAME 90-120 LB. 115.00-160.00, FEW 80-100 LB. 100.00-115.00.

SHEEP: SPRING LAMBS STEADY TO 5.00 LOWER; SLAUGHTER EWES STEADY.

SPRING LAMBS: FEW CHOICE 25-45 LB. 88.00-94.00; CHOICE 65-90 LB. 67.00-74.00; GOOD 40-80 LB. 62.00-72.00.

SLAUGHTER EWES: UTILITY AND GOOD 17.00-30.00, FEW 30.00-36.00.

GOATS: ALL GOATS SOLD BY THE HEAD. FEW LARGE 68.00-81.00, COUPLE 95.00-98.00; MEDIUM 44.00-61.00; SMALL 20.00-40.00.

Lancaster County Weekly

June 2, 1989
Report Supplied by PDA

	Cattle	Calves
This Week	3200	1090
Last Week	3646	768
Last Year	3456	1396

CATTLE: SLAUGHTER STEERS STEADY TO .50 LOWER, ALTHOUGH FEW SALES CHOICE AND PRIME 1.00-1.50 HIGHER; SLAUGHTER HEIFERS STEADY; COWS 1.00-2.00 LOWER; BULLOCKS AND BULLS STEADY, ALTHOUGH YIELD GRADE 1 NOT FULLY TESTED. SUPPLY INCLUDED 67% SLAUGHTER STEERS, 6% SLAUGHTER HEIFERS, 17% COWS, 4% BULLS WITH THE BALANCE FEEDERS.

SLAUGHTER STEERS: HIGH CHOICE AND PRIME 2-4 1150-1450 LB. 75.50-77.00; CHOICE 2 1150-1475 LB. 76.00-77.25, 10 HEAD 77.35-77.75; CHOICE 2-4 1015-1450 LB. 72.75-75.00, AROUND 75 HEAD 75.25-76.60; CHOICE 3 TO MOSTLY 4 1125-1450 LB. 70.25-74.10; SELECT AND LOW CHOICE 2-3 1050-1400 LB. 68.85-74.00; SELECT 2-3 1000-1275 LB. 66.75-70.50; CHOICE 1275-1550 LB. HOLSTEINS 62.00-66.25; FEW SELECT 1200-1500 LB. 58.75-62.00.

SLAUGHTER HEIFERS: CHOICE 2-3 950-1225 LB. 70.00-73.20; SELECT AND LOW CHOICE 2-3 935-1150 LB. 65.00-70.00.

COWS: BREAKING UTILITY AND COMMERCIAL 2-3 BULK 47.00-50.00, HIGH DRESSING 50.00-51.75; COMMERCIAL 3-4 BULK 43.75-48.00; CUTTER AND BONING UTILITY 1-2 LOW DRESSING 45.50-47.00, BULK 47.00-50.00, HIGH DRESSING 50.00-53.50; CANNER AND LOW CUTTER LOW DRESSING 42.50-44.50, BULK 44.50-47.75.

BULLOCKS: SELECT 1-3 1000-1350 LB. 59.00-62.75; COUPLE CHOICE 2-3 1100-1350 LB. 64.00-67.00.

BULLS: YIELD GRADE 1 1350-2170 LB. 60.50-63.75, COUPLE 64.00-64.75; YIELD GRADE 2 1000-1500 LB. 58.00-60.50.

VEAL CALVES: CHOICE AND PRIME VEALERS 5.00-10.00 LOWER, HIGH GOOD AND LOW CHOICE 150-350 LB. STEADY TO WEAK, WITH 80-115 LB. FULLY STEADY. DEMAND VERY GOOD FOR HOLSTEIN BULLS TO RETURN TO FARM.

VEALERS: FEW CHOICE AND PRIME 225-280 LB. 108.00-114.00; CHOICE 140-410 LB. 96.00-100.00; HIGH GOOD AND LOW CHOICE 145-350 LB. 76.00-95.00, 80-120 LB. 82.00-98.00; STANDARD AND LOW GOOD 65-85 LB. 75.00-85.00.

RETURNED TO FARM: BULK 80-125 LB. HOSLTEIN BULLS 160.00-185.00, SEVERAL LATE 185.00-192.00; SMALL FRAME 80-120 LB. 115.00-160.00; 35 HEAD 100-115 LB. HOLSTEIN HEIFERS 140.00-145.00 AND 35 HEAD SMALL FRAME 70-105 LB. 86.00-106.00.

HAY, STRAW & CORN — SALE —
Every Friday At 11 AM
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

LANCASTER STOCK YARDS
AUCTIONS
MONDAY
9:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs
WEDNESDAY
8:00 A.M. —Slaughter Hogs
10:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. —Veal Calves, Lambs
FRIDAY
11:00 A.M. —Stocker and Feeder Cattle
SATURDAY
8:00 A.M. —Slaughter Hogs
Next Graded Feeder Cattle Sale
Fri., June 9 - 11:00 A.M.
Graded Cattle sold in lots of 10 or more
LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 90 Years

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
10:30 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
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Specializing In Stockers & Feeders
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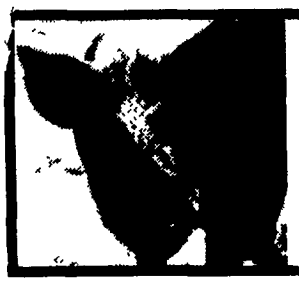
Ph (717) 656-9849

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Rt. 22
PHONE JONESTOWN 865-2881
Flea Market Auction every Tuesday at 12:30. Tools, Eggs, Produce, etc.
Buyers & Sellers Welcome



HOG MARKETS

New Holland Hogs
Mon., May 29, 1989

TODAY	568
LAST MONDAY	915
LAST YEAR	577

AUCTION NOT COVERED - FEDERAL HOLIDAY.

New Holland Feeder Pigs
Wed., May 31, 1989

TODAY	1125
LAST WEDNESDAY	1344
LAST YEAR	636

TREND: Compared to last Wednesday 25-50 lb feeder pigs 20.00-25.00 lower, 50-80 lb 5.00-12.00 lower. All pigs weighed on arrival and sold by the hundred weight.

GRADE HEAD WEIGHT PRICE US 1-2 43 37-38 53.00-59.00. 164 40-49 43.00-54.00. 28 51 62.00, 144 50-55 46.00-59.00. 27 62 53.00-57.00.

US 2 89 36-38 42.00-48.00. 139 40-49 42.00-45.00. 65 50-56 46.00-47.00. 31 64-85 48.00-53.00.

US 2-3 20 26 45.00. 67 37-39 35.00-41.00. 77 40-49 35.00-41.00. 11 56-60 33.00-38.00.

SLAUGHTER 75 23-38 70.00-92.00.

Greencastle Feeder Pigs
Saturday, May 27, 1989

975 HEAD. LIGHT PIGS 15.00-20.00 HIGHER, OTHER WEIGHTS PRICES STEADY WITH LAST SALE.

798- GRADE 1 & 2: 27 HEAD 20-29 LBS. 78.00-99.00; 102 HEAD 30-39 LBS. 61.00-75.50; 145 HEAD 40-49 LBS. 56.00-89.00; 312 HEAD 50-59 LBS. 64.00-76.00; 131 HEAD 60-69 LBS. 58.00-63.00; 81 HEAD 70-UP LBS. 56.00-63.00.

134 HEAD- GRADE 2: 31 HEAD 20-29 LBS. 74.00-85.00; 36 HEAD 30-39 LBS. 43.00-60.00 (SMALL LOTS); 32 HEAD 40-49 LBS. 40.00-50.00; 22 HEAD 50-59 LBS. 41.00-61.00; 13 HEAD 77 LBS. 44.00.

16 HEAD- BOARS 39.00-41.00.

UTILITY AND AS IS 31.00-37.00.

NEXT FEEDER PIG SALE AT GREENCASTLE LIVESTOCK AUCTION WILL BE HELD SATURDAY, JUNE 24, 1989.

PIGS GRADED AND WEIGHED ON ARRIVAL.

State Graded Feeder Pig Sale
at Carlisle Livestock Auction
Friday, May 26, 1989

RESULTS ON 1,464 PIGS. TREND: GRADES 1 & 2 WERE MOSTLY 3.00-5.00 HIGHER; GRADES 2 AND 2 AND 3 WERE 10.00-25.00 LOWER. ALL PIGS WERE WEIGHED ON ARRIVAL AND SOLD BY THE HUNDREDWEIGHT.

US NO. 1&2'S 453 HD. 27 HD. 37-39 LBS. 83.50-84.00; 167 HD. 40-49 LBS. 75.50-85.50; 14 HD. 40 LBS. 71.00; 202 HD. 51-59 LBS. 68.50-77.50; 43 HD. 69-73 LBS. 60.00-65.00.

US NO. 2'S 704 HD. 207 HD. 29-39 LBS. 40.00-47.00; 27 HD. WITH TAILS 34-38 LBS. 39.00-41.00; 204 HD. 40-49 LBS. 38.00-62.50; 266 HD. 51-80 LBS. 37.00-59.00.

US NO. 2&3'S 89 HD. 38-57 LBS. SMALL LOTS 46.00-57.00.

US NO. 2 AND 3: 266 HD 25-60 LBS. 30.00-44.00.

UTILITIES: 22 HEAD 25-39 LBS. 15.00-42.00.

AS IS: 19 HEAD 35-80 LBS. 25.00-40.00.

NEXT STATE GRADED SALE FRI., JUNE 9, 1:30 P.M. GRADING 7:30-11:30 A.M.

Indianapolis Hogs
Thursday, June 1, 1989

HOGS: 300 -(CURRENTLY 200 SHORT) - BARROWS & GILTS MODERATELY ACTIVE, A FEW UNDERTONE IN A LIGHT TEST.

US 1-3 225-245 LB. 46.25; US 2-4 285 LB. 43.00.

SOWS: MODERATELY ACTIVE, NOT WELL TESTED. (14%).

US 1-3 400-500 LB. 32.00-34.00.

BOARS: OVER 400 LB. 32.00.

Peoria Hogs
Thursday, June 1, 1989

HOGS: 1800 - BARROWS & GILTS ACTIVE, MOSTLY .50 HIGHER.

US 1-3 220-250 LB. 46.00-46.50, 40 HEAD 46.75.

US 2-3 240-260 LB. 45.50-46.00, 260-280 LB. 44.00-45.50.

SOWS: STEADY-.50 HIGHER. (17%)

US 1-2 325-400 LB. 35.00, 400-500 LB. 35.50, 500-650 LB. 34.50-35.00.

BOARS: OVER 350 LB. 35.50; UNDER 350 LB. 34.50-35.00.

St. Louis Hogs
Thursday, June 1, 1989

3000 - BARROWS & GILTS ACTIVE, .25 HIGHER.

US 1-3 230-260 LB. 46.00-46.25, 330 HEAD 46.35, 200-230 LB. SCARCE.

US 2-3 250-270 LB. 45.75-46.00; 270-300 LB. 43.25-45.25.

SOWS: 300-500 LB. STEADY; OVER 500 LB. STEADY-2.00 LOWER, FULL DECLINE ON WEIGHTS OVER 650 LB. (AROUND 5%).

US 1-3 300-500 LB. 34.00-35.00; OVER 500 LB. 33.00-35.50.

BOARS: OVER 300 LB. 35.50; UNDER 300 LB. 33.50-34.50.

PIGS
STATE GRADED SALE
FRI., JUNE 9
1:30 P.M.
AT
Carlisle
LIVESTOCK MARKET, INC.
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Exit 12 Off I-81
(717) 249-4511 or
Evenings Jim, 249-2359

GRAIN, CATTLE AND HOG FUTURES MARKETS

(Daily closing bids: Friday, May 26 through Thursday, June 1)

CORN

	FRI.	MON.	TUES.	WED.	THUR.
JUL	264¼	C	261¼	260¼	260
SEPT.	246½	L	240¼	239¼	240¼
DEC.	240¼	O	235	235¼	237
MR.90	248	S	243	243	244¼
MAY	251	E	246½	246	247¼
JUL.	251½	D	247½	247	248¼

SOYBEANS

	FRI.	MON.	TUES.	WED.	THUR.
JUL.	711	C	717	714	708
AUG.	691½	L	688¼	685½	684½
SEP.	662½	O	650½	648½	653
NOV.	646¼	S	632½	628½	635
JAN.	654¼	E	640¼	638	645¼
MAR.	663½	D	645½	645½	653¼
MAY	671		652	651	659

CHICAGO CATTLE

	FRI.	MON.	TUES.	WED.	THUR.
JUNE	68.77	C	68.70	68.90	69.05
AUG.	66.37	L	66.65	66.95	67.52
OCT.	68.67	O	68.80	69.02	69.80
DEC.	70.27	S	70.00	69.95	70.65
FEB. 90	70.85	E	70.40	70.02	70.75

WHEAT

	FRI.	MON.	TUES.	WED.	THUR.
JUL.	393¼	C	391	387½	388¼
SEP.	400	L	398½	393¼	395¼
DEC.	413¼	O	409¼	406½	408¼
MR.90	418¼	S	415	413¼	414¼
MAY 90	405	E	404	403¼	403¼

SOYBEAN MEAL

	FRI.	MON.	TUES.	WED.	THUR.
JUL.	209.60	C	211.10	210.80	211.10
AUG.	205.40	L	205.60	204.70	205.60
SEP.	199.20	O	197.70	197.70	199.00
OCT.	193.00	S	189.20	190.00	192.50
DEC.	190.60	E	187.00	187.30	190.20
JAN.	189.50	D	186.00	186.00	190 00
MAR. 90	188.70		185.00	185.50	188 00

CHICAGO HOGS

	FRI.	MON.	TUES.	WED.	THUR.
JUNE	47.60	C	47.27	47.92	48.32
JUL.	47.15	L	46.55	46.97	47.17
AUG.	45.07	O	44.30	44.52	44.95
OCT.	42.02	S	41.12	41.37	41.82
DEC.	44.52	E	43.57	43.72	44.17
FEB. 90	46.00	D	45.35	45.42	45.77

FUTURES MARKET TREND GRAIN AND LIVESTOCK

This market information provided by ACRES ACRES is a copyrighted market information service developed by the American Farm Bureau and available to Pennsylvania farmers on a daily basis through Pennsylvania Farmers' Association Farm Management Services. For additional market comments and trading service contact PFA Commodity Futures Service. (717) 761-2740

Acres Corn Update: Corn futures prices closed mixed today, gaining 1/4 cent on the December option by the other months closed from unchanged to 1-1/4 lower. Opening support was furnished by ideas that the pit had become oversold with the latest 30 to 90 day weather information limiting gains. Further support was attributed to higher than expected export inspections along with ideas that India was in the market for 119,000 metric tonnes of U.S. corn. Selling this afternoon was attributed to slack export demand with July losing 1 cent at $2.60-3/4 while September lost 1-1/4 cent at $2.39-1/2.

Acres Soybean Update: Soybean futures today closed from 1/4 cent higher on the March option to 4 cents lower on the November. Prices were higher on the opening with buying attributed to ideas that oversold conditions had been reached with further support stemming from slack country movement and reports of a dockworker strike in Argentina. Selling pressure was in response to the latest weather reports calling for increased rainfall probability during the next 30 to 90 days and reports of lower values in the Brazilian market. November touched its contract low of $6.28 near the close and settled for the day at $6.28-1/2.

Acres Wheat Update: Wheat futures dropped another 1-3/4 to 5-1/4 cents today as a combination of factors exerted selling pressure. July which dropped 3-1/2 cents and September, losing 5-1/4 cents, were subjected to the beginnings of harvest pressure coupled with a lack of fresh near term export demand. The USDA announced after the close a sale to China of 100,000 metric tonnes of hard red wheat. Some support came from ideas the market had become oversold but forecasts for normal rain kept buyers to the sidelines. July settled today at $3.87-1/2 after trading in a range from $3.86-1/4 to $3.92-1/2.

Acres Cattle Update: Live cattle futures settled higher in the front three months while the back months slid lower. Front month support was attributed to ideas the market had already absorbed all bearish fundamental news and was due for an "up" day. Gains were pared by reports of sluggish fed sales today at lower prices with quotes in the Texas Panhandle for top steers at $72.50. Losses were held in check by the steep discounts futures hold to cash. Today's live cattle settlements ranged from 30 higher on the August option to 38 lower on the February while feeders settled from 10 lower to 5 higher. Selling was attributed to reports of lower cash prices for replacement cattle this week along with a slight dip in the latest cash index quotation. CME FEEDER CATTLE SETTLEMENT PRICE - 5/29/89 - $76.99 dn $ .07 ACRES NEXT DAY OUTLOOK: CASH - steady to weak FUTURES - steady to mixed

Acres Hog Update: Live hog futures reversed today and settled from unchanged on the April to 65 higher on the July. Buying late in the session was generated by expectations for reduced supplies and higher cash prices. Some end of the month short-covering was featured with

(Turn to Page A16)

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Give us a call whether you are buying or selling

Graded Feeder Cattle Sale
Fri., June 9 at 11:00 A.M.

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Lancaster Stockyards
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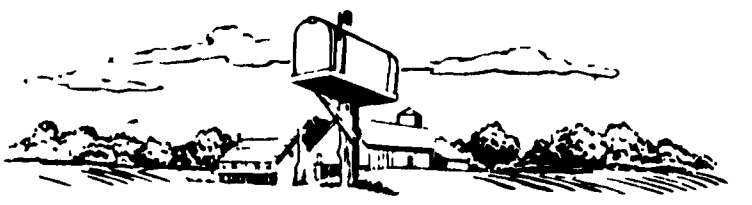


In this issue

Five Sections

DAIRY

Milk Production Challenge. A26
Perry Co. DHIA D13
Cumberland Co. DHIA D22
Potter Co. DHIA D24
Berks Co. DHIA D28
Tioga Co. DHIA D29
Chester Co. DHIA D31
Franklin Co. DHIA D34
York Co. DHIA E14
Huntingdon Co. DHIA E18
Milk Market News E27

DEPARTMENTS

Editorial A10
Farm Calendar A10
Farm Forum A10
Classified Ads B22
Business News ..... D 6
Mailbox Markets E27
Sale Reports E35
Public Auction Register E36

HOME AND YOUTH

Homestead Notes ..... B 2
Home On The Range ..... B 6
Cook's Question Corner ..... B 8
Kid's Korner B10
Farm Women Societies B21

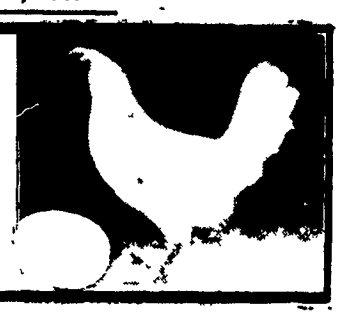
COLUMNS

Now is the Time A10
Farm Management A24
On Being A Farm Wife ..... B 5
Have You Heard B12
Microwave Minutes B19
Ida's Notebook B20
Beef Briefs ..... D 2
Foraging Around D14

FEATURES

Franklin Dairyman Sings A30
Guernsey Queen A35
Floral Designs B14
Junge Farms ..... C 2
Morrison's Cove Farm ..... E 2
Eaton Dairy E10
Ryman Farm E20
Columbia Co. Largest Herd E24

POULTRY MARKETS



N.E. Weekly Shell Egg Report

Tuesday, May 30
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N. HAMP.	.98-1.02	.95-.99	.71-.75	.45-.49
MOSTLY	1.00-1.01	.97-.98	.73-.74	.47-.48
RHODE ISLAND	1.01-1.05	.98-1.02	.74-.78	.48-.52
MOSTLY	1.01	.98	.74	.48
VERMONT	1.10-1.19	1.05-1.15	.84-.95	
MOSTLY	1.10	1.05	.85	
MAINE	1.05-1.10	1.02-1.07	.78-.83	.52-.57

Eastern PA & NJ Poultry

May 31, 1989

Mostly prices were unchanged. The trade sentiment was generally steady. Offers for light-type fowl were short of buyer needs while supplies of heavy fowl were adequate. Processors have only three days of line time scheduled for this week. Most plants are booked full next week. Demand for canner pack products was fairly good. Supplies were adequate. Prices were steady.

LIVE LIGHT TYPE HENS: AT FARM 14-16 MOSTLY 15.

New York Eggs

May 31, 1989

Prices were unchanged. Trade sentiment was mostly steady. Cartoned egg demand was irregular but mostly of a moderate nature. Supplies were adequate.

PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE A WHITE EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN:

A EXTRA LARGE .75-.77, A LARGE .72-.75, A MEDIUM .63-.66.

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Heinsey's Poultry

Roots, E. Petersburg
May 30, 1989

Muscovy Ducks, Drakes 1.98-2.12.
Hens 1.74-1.92.
Pekin Ducks .42-.54.
Pullets 5-7# .40-.72.
Red Fowl: 4-4.5# .32-.48, 5-6# .48-.66.
Crossbred Roosters: 4-6# .40-.78, 7-11# .38-.62.
Crossbred Fowl: 5-10# .25-.52.
Banty Roosters 3.50-5.25 ea.
Banty Hens 2.50-3.50 ea.
Guinea Pigs 1.00-2.50 ea.
Goats 40.00-81.00 ea.
Kid Goats 21.00-39.00 ea.
Guinea Fowl 1.85-2.05.
Geese 9-13# .24-.62.
Pigeons 1.75-2.15 ea.
White Pigeons 4.00-5.00 ea.
Rabbits: 4-6# .62-1.00, 7-11# .40-.64.
Leghorn Hens .40-.44.
Bunnies .35-1.25 ea.
Doves 3.00-5.00 ea.
Chukars 4.50-5.00 ea.
Silkies 6.50-7.50 ea.
Total Coops Sold 902.

Delmarva Broiler/Fryer

May 31, 1989

Movement of ready to cook whole fryers was fairly good this morning. Supplies of 3 pound and lighter weights were short of needs while over 3 pound sizes were about adequate. In the parts complex, supplies of cutlets were more than adequate for immediate needs, other breast items were adequate for an improved buyer interest. Legs, leg quarters and wings were adequate and clearing. Less than trucklot asking prices were unchanged at 62-75 cents. Live supplies were adequate. Average live weights were in a desirable range. Today's slaughter schedules were moderately heavy. The trade sentiment was steady. ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000) ESTIMATED ACTUAL AVG. WGT. ACTUAL AVG. WGT. 5/31 5/29 5/29 5/24 5/22 2,038 holiday holiday 2,020 4.56

NEW YORK MULTIPLE DROP BROILER REPORT:

CURRENT BROILER/FRYER NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA

BRANDED U.S. GRADE A RANGE 62-75 WEIGHTED AVERAGE 69.02 NO. OF BOXES 8,484

National Egg Market

May 31, 1989

Trade sentiment was steady. Cartoned egg movement varied but was mostly of a moderate nature. Dealers felt demand would be stimulated by the first of the month and with promotional activity. Supplies were usually sufficient to cover current needs. Breakers generally worked full schedules and were active but cautious buyers of raw materials.

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Weekly New York Egg Market Northeast Quotes

From Fri., May 26 to Thurs., June 1

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	.82	C	.82	.82	.82
EX. LARGE	.80	L	.80	.80	.80
LARGE	.77	O	.77	.77	.77
MEDIUM	.68	S	.68	.68	.68
PULLETS	.51	E	.51	.51	.51
OFF GRADE	.65	D	.65	.65	.65
BROWN					
EXTRA LARGE	.92		.92	.92	.92
LARGE	.84		.84	.84	.84
MEDIUM	.77		.77	.77	.77
OFF GRADE					
UNDERGRADES					
AND CHECKS	.38		.38	.38	.38

BREAKING STOCKS: FRI. 48-50 LBS. 46.00-48.00, 50 LBS. AND UP 48.00-49.00.

Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, May 30, 1989
Report Supplied by Auction

HEAVY FOWL: .80.
LIGHT FOWL: .40-.45.
BANTAMS: EACH 1.00-4.00.
ROOSTERS: .50-1.20.
BUNNIES, EACH: .75-4.00.
PIGEONS: EACH 1.60-2.50.
GUINEAS: 1.70-1.85.
RABBITS: .60-1.30.
DUCKS: .65-2.05.
GOSLINGS: 2.25-3.50 EA.

WHITE

JUMBO X LGE. .72-.89; LARGE .45-.75; MEDIUMS .32-.60.

BROWN

JUMBO X LGE. .67-.79; LARGE .42-.69; MEDIUMS .32-.45; PULLETS .25-.30; PEEWEES .20.

New England Shell Eggs

May 31, 1989

Prices were unchanged. Trade sentiment was mostly steady. Cartoned egg demand varied but was generally about moderate. Dealers were looking towards the first of the month for an increase in buying activity. Supplies were usually in balance with current needs.

PRICES PAID TO PRODUCERS FOR LOOSE BROWN EGGS AT FARM, CASES EXCHANGED, GRADE YIELD BASIS, CENTS PER DOZEN: JUMBO .77-.80, EX LARGE .72-.75, LARGE .69-.72, MEDIUM .45-.48, SMALL .19-.22.

BOSTON: PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE BROWN EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN:

A EXTRA LARGE .91-.93, A LARGE .88-.90, A MEDIUM .64-.66.

Northeast Chicken Parts

May 31, 1989

Trucklot buying interest was mixed and selective. Supplies of boneless breasts were fully adequate for prompt delivery at current price levels; however, interest was fairly active for later arrivals and the undertone was gaining strength. Demand for whole breasts was irregular, but improved overall and offerings were no more than adequate and where available firmly held. Legs and leg quarters were in good balance with leg quarters in the closer position. Wings were tight at some points, available at others.

TODAY'S NEGOTIATED SALES AS OF 11:30 A.M., PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES:

ITEM CURRENT NEGOTIATED TRADING BREASTS SKINNED BONELESS 250 RIBS ON 116-117 LINE RUN 115 LEGS 46-47 LEG QUARTERS 38 WINGS 59-60 BACKS & NECKS 10-12 LIVERS 10-15 GIZZARDS (HEARTS) 30

Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island.

Philadelphia Eggs

Thursday, June 1, 1989
Report Supplied by USDA

MARKET COMMENT: THE TRADE SENTIMENT WAS STEADY. MOVEMENT OF CARTONED EGGS INTO RETAIL CHANNELS IMPROVED OVER EARLY WEEK AND WAS GENERALLY FAIR. LIGHT AND SCATTERED RETAIL FEATURES ARE IN PROGRESS. SUPPLIES OF LARGER SIZES WERE ADEQUATE, MEDIUMS WERE FULLY ADEQUATE TO INSTANCES AMPLE. PRICES TO RETAILERS: SALES TO VOLUME BUYERS, CONSUMER GRADES WHITE EGGS IN CARTONS DELIVERED STORE DOOR:

EXTRA LARGE .73-75; A LARGE .71-.73; A MEDIUM .62-.63.

Peoria Hogs

Peoria, IL
June 1, 1989

HOGS: 1800 TRADING ACTIVE. BARROWS AND GILTS MOSTLY .50 HIGHER COMPARED WITH WEDNESDAY SUPPLY MAINLY US 1-3 230-260 LBS.

US 1-3 220-250 LBS. 46.00-46.50 40 HEAD 46.75 2-3 240-260 LBS. 45.50-46.00 260-280 LBS. 44.00-45.50

SOWS: STEADY TO .50 HIGHER 17%

US 1-3 325-400 LBS. 35.00 400-500 LBS. 35.50 500-650 LBS. 34.50-35.00

BOARS: OVER 350 LBS. 35.50 UNDER 350 LBS. 34.50-35.00

HOG 214

HC 46.00-46.75 HD 46.00-46.75 HE 46.00-46.75 HI 46.00-46.50 HJ 46.00-46.50 HK 46.00-46.50 HQ 45.50-46.00 HR 44.50-45.50 VV 35.00-35.00 WW 35.50-35.50 XX 34.50-35.00 YY 34.50-35.00 ZZ 35.50-35.50

Belleville Livestock Auction

Belleville, PA
May 31, 1989

CATTLE 85...PDA...Couple Select holstein steers 61.25&62.25. Few Breaking Utility and Commercial sl. cows 48.85-50.75, Cutter and Boning Utility 47.00-51.10, Canner and Low Cutter 44.50-47.35, Shells down to 39.00. Few Yield Grade No. 1, 1050/2230 lbs. sl. bulls 55.85-60.85.

CALVES 87...Standard and Good 70/100 lbs. vealers 85.00-100.00, few Utility 60/80 lbs. 60.00-70.00. Farm Calves: Holstein Bulls 85/130 lbs. 120.00-189, few down to 100.00; few 85/100 lbs. holstein Heifers 81.00-130.00.

HOGS 123...US No.1-3 225/250 lbs. barrows and gilts 46.00-47.10, few 2-3 275/300 lbs. 41.25-44.50. Few US No 1-3 300/635 lbs. sows 30 00-36 50. Boars 27.00-29.50.

FEEDER PIGS 261...US No. 1-3 20/35 lbs. feeder pigs 18.50-28.00, 35/55 lbs. 25.00-32.50, lot 125 lbs. 48.00 --- all per head.

SHEEP 17...Choice 55/80 lbs. spring slaughter lambs 64.50-74.00. Few Slaughter ewes 16.00-37.00.

GOATS 30...Large 32.00-64.00, Medium Kids 26.00-40.00 --- all per head. HOLSTEIN DAIRY COWS $590.00-$1000.00, one 1250.00 - PER HEAD.

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Middle Atlantic Milk Marketing Assoc.

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#511 SUMMERTIME

16%

FIGHT SUMMER STRESS

June is dairy month

June is dairy month

$190.32 Ton

#511 Summertime 16% Golden Dairy Flakes With "BEET PULP"

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- Carbohydrate Source (Energy) That Is More Slowly Released.
- Slower Acid Build-Up In The Rumen.
- More Stable Appetite.
- Increased Chewing.
- Higher Butterfat.
- Any Protein Level from 14% to 22%.

FEED PRICES FOR WEEK OF JUNE 5 AND SUBJECT TO CHANGE WEEKLY WITH GRAIN MARKET

Includes 8 ton volume discount and cash discount of 2½ % due 15th following month. Deduct additional $3.00 per ton if paid in 10 days.

#52114	#52516	#50800	#57700 Flake	#52532 Pellet	#52700 Concentrate
14% Dairy Pellet	16% "CD" Textured	16% Golden Dairy Plus	18% Top Producer Beans-Beet Pulp	32% "CD" Concentrate	27% Maximum Density Beans-Beet Pulp
$171.30 Net/Ton	$180.03 Net/Ton	$188.52 Net/Ton	$223.73 Net/Ton	$226.52 Net/Ton	$280.09 Net/Ton

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Pa. Grain

May 30, 1989
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA: CORN AND WHEAT STEADY TO .10 LOWER; BARLEY AND OATS STEADY TO .15 LOWER; SOYBEANS UNEVENLY STEADY; EAR CORN STEADY TO $5 LOWER.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.95-3.15, AVERAGE 3.04, *CONTRACT FOR HARVEST 2.40-2.60; @WHEAT NO. 2 RANGE 3.80-4.11, AVERAGE 3.89, *CONTRACT FOR HARVEST 3.55-3.74; BARLEY NO. 3 RANGE 2.20-2.50, AVERAGE 2.37, *CONTRACT FOR HARVEST 2.00-2.20; OATS NO. 2 RANGE 1.85-2.25, AVERAGE 2.03, *CONTRACT FOR HARVEST 1.80; SOYBEANS NO. 1 RANGE 6.85-7.22, FEW REPORTED 7.40, AVERAGE 7.04, *CONTRACT FOR HARVEST 6.10-6.43; FEW REPORTED GR. SORGHUM #2 RANGE 2.80, AVERAGE 2.80, *CONTRACT FOR HARVEST 2.20; FEW REPORTED PER HUNDREDWEIGHT RECLEANED BUCKWHEAT *CONTRACT FOR HARVEST 9.15; EAR CORN RANGE 84.00-112.00, AVERAGE 96.57.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.80-3.20, MOSTLY 3.00-3.12, AVERAGE 3.04; @WHEAT NO. 2 RANGE 3.45-4.00, AVERAGE 3.68; BARLEY NO. 3 RANGE 2.10-2.40, FEW REPORTED 2.70, AVERAGE 2.33; OATS NO. 2 RANGE 2.00-2.25, FEW REPORTED 2.45, AVERAGE 2.14; FEW REPORTED SOYBEANS NO. 1 RANGE 6.75-7.10, AVERAGE 6.93; EAR CORN RANGE 90.00-110.00, AVERAGE 99.38.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.95-3.15, AVERAGE 3.03; @WHEAT NO. 2-Y RANGE 3.45-4.11, AVERAGE 3.71; BARLEY NO. 3 RANGE 2.10-2.50, AVERAGE 2.32; OATS NO. 2 RANGE 1.80-2.30, AVERAGE 2.05: SOYBEANS NO. 1 RANGE 6.85-7.22, AVERAGE 7.00; EAR CORN RANGE 84.00-112.00, AVERAGE 95.60.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.95-3.15, AVERAGE 3.03; @WHEAT NO. 2 RANGE 3.20-3.80, FEW REPORTED 4.10, AVERAGE 3.56; BARLEY NO. 3 RANGE 2.10-2.40, AVERAGE 2.21; OATS NO. 2 RANGE 1.80-2.30, AVERAGE 2.01; SOYBEANS NO. 1 RANGE 6.70-7.10, AVERAGE 6.94; FEW REPORTED GR. SORGHUM #2 RANGE 2.80, AVERAGE 2.80; #EAR CORN RANGE 84.00-102.00, AVERAGE 90.13.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.83-3.15, FEW REPORTED 3.24, AVERAGE 2.98; @WHEAT NO. 2 RANGE 3.80, AVERAGE 3.80; BARLEY NO. 3 RANGE 2.00-2.35, AVERAGE 2.18; OATS NO. 2 RANGE 1.80-2.50, AVERAGE 2.28; FEW REPORTED SOYBEANS NO. 1 6.90, AVERAGE 6.90; EAR CORN FEW REPORTED 90.00-100.00, AVERAGE 92.50.

MONTH AGO

CORN NO. 2-Y 3.04; @WHEAT NO. 2-Y 3.79; BARLEY NO. 3 2.44; OATS NO. 2 2.17; SOYBEANS NO. 1 7.15; NEW EAR CORN 95.97.

YEAR AGO

CORN NO. 2-Y 2.38; @WHEAT NO. 2-Y 2.97; BARLEY NO. 3 1.60; OATS NO. 2 1.89; SOYBEANS NO. 1 7.44; NEW EAR CORN 68.63.

Regional Hay

May 30, 1989
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA. (ALL HAY NO. 2 & BETTER PRICES PAID BY DEALERS AT THE FARM & PER TON.) HAY AND STRAW MOSTLY STEADY.

ALFALFA 80.00-110.00; MIXED HAY 60.00-80.00; TIMOTHY 60.00-80.00; STRAW 40.00-70.00; MULCH 25.00-40.00.

LANCASTER CO. HAY AUCTIONS

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 5/26/89. PRICES PER TON: LOADS: 175 HAY, 49 STRAW, AND 31 EAR CORN.

ALFALFA 80.00-152.00; MIXED HAY 60.00-139.00; TIMOTHY 63.00-123.00; STRAW 59.00-88.00; EAR CORN 107.00-122.00.

CENTRAL PA. HAY AUCTIONS

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 5/26/89. PRICES PER TON: LOADS: 129 HAY, 21 STRAW & 15 EAR CORN.

ALFALFA 76.00-155.00; MIXED HAY 58.00-105.00; TIMOTHY 75.00-100.00; STRAW 47.50-82.50; EAR CORN 95.00-127.50.

New Holland Hay

New Holland, Pa.
Monday, May 29, 1989
Report Supplied by Auction

TOTAL LOADS: 74.
ALFALFA: 59.00-132.00, 1 AT 142.00.
MIXED HAY: 62.00-125.00, 1 at 167.00.
TIMOTHY: 66.00-135.00.
ORCHARD GRASS: 82.00.
STRAW: 60.00-80.00.
EAR CORN: 109.00-110.00.
OATS: 1.85-2.25 BU.

Green Dragon Hay

Ephrata, Pa.
Friday, May 26, 1989
Report Supplied by Auction

TOTAL LOADS: 91.
MIXED HAY: 55.00-139.00.
ALFALFA: 60.00-149.00.
TIMOTHY: 63.00-122.00.
ORCHARD GRASS: 4 LOADS, 39.00, 45.00, 60.00, 96.00.
STRAW: 60.00-88.00.
EAR CORN: 108.00-126.00.
OATS: 1.10-2.70 BU.

Good's Hay

Leola, Pa.
Wed., May 31, 1989
Report Supplied by Auction

TOTAL LOADS: 55.
ALFALFA: 47.00-151.00.
TIMOTHY: 75.00-113.00.
MIXED HAY: 51.00-129.00.
STRAW: 50.00-90.00.
CORN: 98.00-124.00.
ORCHARD GRASS: 68.00.
MEADOW GRASS: 98.00.
OATS: 2.00-2.50 BU.

Leinbach's Hay

Shippensburg, PA
May 27 and May 30. Report supplied by Auction

TOTAL LOADS: 44.
ALFALFA: 67.00-150.00.
MIXED HAY: 65.00-124.00.
TIMOTHY: 70.00-120.00.
GRASS: 52.00-121.00.
STRAW: 42.00-50.00.
EAR CORN: 101.00.
OATS: 2.00-2.90 BU.

Keister's Hay

Middleburg, PA
Tuesday, May 30
Report supplied by auction

33 LDS. HAY.
ALFALFA: 75.00-115.00.
MIXED HAY: 40.00-135.00.
OATS: 2.70 BU.
STRAW: 4 LOADS, 70.00-77.50.
EAR CORN: 7 LOADS, 102.50-112.50.

North Jersey Market

Hackettstown, N.J.
Tues., May 30, 1989
Hay—Straw & Grain Report

ALFALFA HAY: 1 LOAD, 2.00 BALE.
GRASS HAY: 1 LOAD, 1.90 BALE.
TOTAL: 2 LOADS.

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NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

SLAUGHTER HOGS

EARLY BIRD HOG SALE

7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

11:00 A.M.

DAIRY COWS

HEIFERS, BULLS

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12 Miles East of Lancaster
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Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-354-3297
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY - 1:30 P.M.
FEEDER PIG SALE

We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY

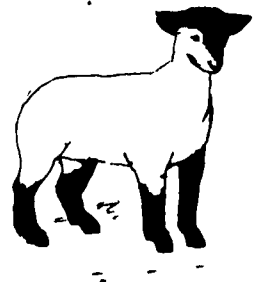
10:00 AM

BULLS -

- STEERS -
BEEF COWS

1:30 P.M.

CALVES



SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

National Grain

St. Joseph, MO
May 31, 1989

GRAIN PRICES FINISHED LOWER ON WEDNESDAY. WEATHER AND OUTLOOK FOR 89 CROP PRIMARY FACTOR IN DECLINES WITH RENEWED INTEREST IN NEW CROP FUTURES. MINOR DOWNTURNS IN SPOT WHEAT AND CORN PRICES. SOYBEANS SHARPLY LOWER AFTER TUESDAY'S ADANCE. INCREASED MOVEMENT OF NEW CROP HARD WHEAT INTO SUPPLY CHANNELS AS HARVEST MOVING FURTHER NORTH INTO OKLAHOMA. ON KC BOARD, SEPTEMBER WHEAT 6 CENTS ABOVE JULY QUOTE. RAINS TOO LATE FOR SOME KANSAS WHEAT FIELDS. GOOD EXPORT ORDERS FOR WHEAT SO FAR THIS WEEK. RAINS IMPROVED OUTLOOK FOR 89 CORN CROP. SOME EXPORT ORDERS FOR CORN THIS WEEK TO KEEP OUT OF COUNTRY SHIPMENTS AHEAD OF YEAR AGO FIGURES. SOYBEAN EXPORT ORDERS AGAIN SLOW AND OF SMALL VOLUME WITH YEAR TO DATE TONNAGE WELL BELOW PREVIOUS YEAR. GOOD MOISTURE FOR 89 SOYBEAN CROP WITH SOME PLACES NEEDING A FEW MORE DRY DAYS TO COMPLETE PLANTING. ON CHICAGO BOARD, THERE IS AN 85 CENT SPREAD BETWEEN JULY AND A LOWER QUOTE FOR NOVEMBER BEANS.

UNITED STATES...LARGE PART OF COUNTRY GETTING MOISTURE INCLUDING DROUTH STRICKEN AREAS OF KANSAS AND HIGH PLAINS. HOWEVER, RAINS TOO LATE IN SOME AREAS OF KANSAS TO IMPROVE WHEAT CROP. CANADA...BENEFICIAL SHOWERS CONTINUE ACROSS THE PRAIRIES, IMPROVING SOIL CONDITIONS FOR GERMINATION AND ESTABLISHMENT. USSR...IN WESTERN USSR, FROST AND SUBFREEZING TEMPERATURES BRIEFLY COVER CROP AREAS AS FAR SOUTH AS THE NORTHERN NORTH CAUCASUS. IN THE NEW LANDS, COLD, WET WEATHER DELAYS SPRING GRAIN PLANTING IN THE WEST, WHILE UNSEASONABLY WARM AND MOSTLY DRY WEATHER HELPS FIELDWORK IN THE EAST. EUROPE...DRYNESS CONTINUES IN THE NORTHEAST. WIDESPREAD RAIN FALLS ACROSS MUCH OF THE SOUTH. EASTERN ASIA...HEAVY RAIN AND FLOODING CONTINUE OVER SOUTHERN AND EASTERN CHINA. SOUTHEAST ASIA...WIDESPREAD SHOWERS CONTINUE OVER THAILAND, IMPROVING MOISTURE RESERVES FOR GRAIN PLANTING AND ESTABLISHMENT BUT CAUSING LOCAL FLOODING. SOUTH AMERICA...MOSTLY DRY WEATHER IN ARGENTINA FAVORS LATE SUMMER CROP HARVESTING AND WHEAT PLANTING. SCATTERED SHOWERS HELP EMERGING WHEAT IN SOUTHER BRAZIL. AUSTRALIA...HEAVY RAIN CONTINUES IN WESTERN AUSTRALIA, PROVIDING BENEFICIAL SOIL MOISTURE FOR FALL ESTABLISHMENT OF WINTER GRAINS.

EXPORT NEWS: CHINA BOUGHT 100,000 TONNES OF SOFT RED WINTER WHEAT FOR 89/90 MARKETING YEAR.

DATE CHANGE YEAR AGO 05/31/89 05/30/89 06/01/88 WHEAT: KANSAS CITY 4.23-4.28 NC 3.38-3.41 MINNEAPOLIS 4.43 1/4-4.45 1/4 DN 1/2-2 1/2 3.55 1/2 PORTLAND 4.48-4.52 DN 4-3 3.48-3.52 ST. LOUIS 3.79-3.85 DN 7-5 3.33-3.36

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.53-2.58 DN 1 2.15-2.17 MINNEAPOLIS 2.64 3/4 DN 1 2.04 3/4 SO. IOWA 2.68-2.71 DN 1-NC 2.10-2.13 OMAHA 2.48-2.51 DN 1-UP 1 2.01-2.03

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 7.08-7.10 DN 22-23 7.75-7.82 MINNEAPOLIS 7.11 DN 8 7.71 3/4 SO. IOWA 7.13-7.21 DN 4 7.77-7.82 C. ILL. PROCESSORS 6.98 1/2-7.17 DN 4-5 7.90-7.94

KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 2 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (JULY) WHEAT 4.07 1/4 DN 1/2 3.42 MINNEAPOLIS (JULY) WHEAT 4.05 1/4 DN 2 1/2 3.39 1/2 CHICAGO (JULY) WHEAT 3.87 1/2 DN 3 1/2 3 47 3/4 (JULY) CORN 2.60 3/4 DN 1 2.20 3/4 (JULY) SOYBEANS 7.14 DN 3 8.01 3/4

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 4.52 DN 3-5 3.74 NO. 2 SOFT RED WINTER WHEAT 4.06-4.08 DN 3 3.56-3.63 NO.2 YELLOW CORN 2.85-2.97 DN 7-UP 4 2.33-2.35 NO.2 YELLOW SORGHUM RAIL 4.90 DN 2 BARGE 4.92 DN 2 3.93-4.00 NO.2 YELLOW SOYBEANS 7.42-7.56 DN 9-UP 3 8.02-8.05.

Dewart Hay

Dewart, PA.
Monday, May 29, 1989
Report Supplied by Auction

TOTAL LOADS: 12 LDS. HAY, 47.00-81.00.
CORN: 2 LOADS, 122.00 AND 126.00.
WOOD: 2 LOADS, 29.00 AND 31.00.

Belleville Hay

Wednesday, May 31
Belleville, PA
Report Supplied by Auction

TOTAL LOADS: 20 LDS. HAY.
ALFALFA: 82.50-135.00.
MIXED HAY: 65.00-117.50.
STRAW: 1 LOAD, 77.50
EAR CORN: 1 LOAD, 102.50.

Greencastle Hay Market

Hay & Straw
May 25 & 29

17 LOADS.

ALFALFA (GOOD) 95.00-147.50; ALFALFA (FAIR) 76.00-99.00; TIMOTHY HAY 75.00-85.00; MIXED HAY 78.00-89.00; ORCHARD GRASS 55.00-71.00; BROME GRASS 66.00-81.00; STRAW- WHEAT 49.00-67.50; STRAW- OATS 49.00.

Chester County Hay

Coatesville, PA
Wed., May 31

TOTAL LOADS: 7.
ALFALFA: 145.00.
MIXED HAY: 135.00.
STRAW: 80.00.
TIMOTHY: 120.00.
TIMOTHY MULCH: 70.00.

King's Hay

Kirkwood, Pa.
Tuesday, May 30, 1989
Report Supplied by Auction

TOTAL LOADS: 21.
ALFALFA· 89.00-115.00.
ALFALFA MIX 77 00-117 00
MIXED HAY 42.00-122 00
CLOVER & CLOVER MIX· 90 00-98.00.
TIMOTHY & TIMOTHY MIX 104 00-117.00
STRAW: 50.00-88 00
EAR CORN. 105.00-114.00

Westminster Hay

Westminster, Md.
Tuesday, May 30, 1989
Report Supplied by Auction

TOTAL LOADS: 24.
ALFALFA: 1.05-2.00 BALE.
TIMOTHY MIX: VERY GOOD 1.50-2.20 BALE; FAIR .70-1.30 BALE.
CLOVER: 50.00-70.00.
ORCHARD GRASS: (NEW) 73.00-83.00, 1.85 BALE.
GRASS HAY: .70-1.20 BALE.
STRAW: .55-.70 BALE.
LOCUST POSTS: 1.05 EACH.

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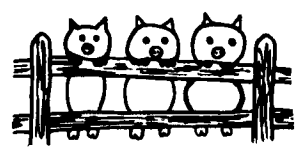

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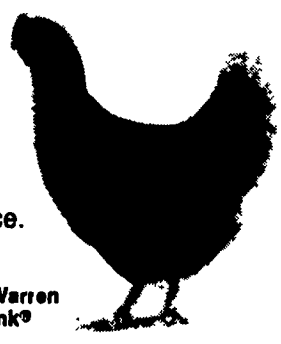

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THE OLD FARMER'S ALMANAC

JUNE 5-11, 1989
The rainy season in Calcutta.

June 5, 1940, the Germans begin the Battle of France June 7, 1769, Daniel Boone begins his exploration of Kentucky Average length of days for the week 15 hours 11 minutes June 10, 1682, the first tornado was recorded in New Haven, Connecticut June 11 birthdays include actress Adrienne Barbeau, oceanographer, Jacques Cousteau, author William Styron, and actor Gene Wilder *When it's hottest in June, it's coldest the next February*

Ask the Old Farmer: Why would my father tell us, "Get on your sacks?" M O, Miss
Nothing odd about it! A sack was a loose-fitting coat Sack suits are still advertised in men's wear

Home Hints: Pour melted paraffin in a leaky vase to make it sound

OLD FARMER'S WEATHER FORECAST

New England: Rain, heavy in the south, then cold Cold and showers, intermittent rain, then warm Average temperature this month, 66° F

Greater New York-New Jersey: A storm begins the week, with heavy rains in the north Sprinkles and cool, then changing to sunny and warm by weekend

Middle Atlantic Coastal: Clear and hot to begin the week A storm, mid-week, and cool temperatures Then clearing and turning hot, finally

Piedmont & Southeast Coastal: Rain, heavy in the south, cool temperatures, clearing and hot by the weekend Average temperature, 76° F

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Morrisons Cove Livestock
Martinsburg, Pa.
Monday, May 29, 1989
Report supplied by auction

CATTLE: 102 STEERS: H. CHOICE & PRIME 70.00-72.25; CHOICE 67.50-70.00; GOOD 63.50-67.25; STANDARD 55.00-62.75.

HEIFERS: GOOD 58.50-65.75.

COWS: UTILITY & COMMERCIAL 50.25-53.00; CUTTERS 47.00-49.50; CANNER & LOW CUTTER 40.50-46.75.

BULLOCKS: GOOD & CHOICE 63.00-67.25.

BULLS: YIELD GRADE NO. 1 57.00-63.75.

FEEDER CATTLE: STEERS GOOD 67.50-81.50; STANDARD 59.00-66.50; BULLS GOOD 64.00-78.50; STANDARD 58.00-62.75: HEIFERS GOOD 60.00-71.50; STANDARD 55.00-61.50.

CALVES: 188. PRIME 110.50-116.50; CHOICE 104.00-108.50; GOOD 96.00-102.50; STANDARD AND GOOD 88.50-95.50; 90-110 LBS. 86.50-102.00; 65-90 LBS. 69.50-96.50; HOLSTEIN BULLS 90-130 LBS. 141.00-188.50; HOLSTEIN HEIFERS 90-130 LBS. 115.00-137.50.

HOGS: 95. US#1-2 45.75-47.25; US #1-3 44.00-45.50.

SOWS: US#1-3 30.25-38.50; BOARS 30.00-37.50.

FEEDER PIGS: 45. US#1-3 20-35 LBS. 22.50-28.50 PER HEAD; 1-3 35-50 LBS. 29.00-37.50 PER HEAD.

SHEEP: 69. SLAUGHTER LAMBS CHOICE 68.00-72.50; GOOD 59.00-65.00; SL. EWES 20.50-37.50.

GOATS: 38.00-61.00 PER HD.

6 LOADS OF HAY, 35.00-86.00.

Lebanon Valley Livestock
Fredericksburg, PA
May 30, 1989

CATTLE 154...PDA...Compared with last weeks market: Slaughter cows mostly uneven. Few Choice 1045/1205 lbs. slaughter steers 73.25-74.50, few Select 63.75-70.50, one 73.25; few Select and Choice 1335/1520 lbs. Holsteins 63.75-65.25, few Standard 55.00-63.25, one Utility 48.75. One Choice sl. heifer 72.00, twq Holsteins 63.00 & 65.50, few Select 61.00-64.50, few Holsteins 54.75-56.50, few Standard 52.00-57.50, one Utility 53.75. Few Breaking Utility & Commercial sl. cows 48.00-53.75, one 55.25, few Low Yielding down 45.00, Cutter & Boning Utility 47.50-51.25, few 53.00, Canner & Low Cutter 43.00-47.50. Few Select sl. bullocks 57.00-63.75, few Standard 53.75-58.75, two Utility 51.50 & 52.00. One Yield Grade No. 1, 1290 lbs. sl. bull 58.00, two YG No. 2, 1325 & 1535 lbs. 53.75 & 55.25.

CALVES 116...Two Choice vealers 109.00 & 122.00, two Good 92.00 & 95.00, few Standard & Good 75/90 lbs. 75.00-87.00, few Utility 45/70 lbs. 55.00-80.00. Farm Calves: Hol. Bulls 80/145 lbs. 122.00-175.00, 75/80 lbs. 92.00-117.00; Hol. Heifers'85/130 lbs. 112.00-142.00. Few Beef cross 110/185 lbs. bulls & heifers 110.00-140.00.

HOGS 106...Barrows and gilts small supply $1 lower. Lot US No. 1-2 220 lbs. 46.00, 1-3 215/245 lbs. 45.00-45.50, few 2-3 225/240 lbs. 44.00-45.00, one 2-4 270 lbs. 38.00. Sows mostly steady to $1 lower. US No. 1-3 285/615 lbs. sows 32.50-35.00, few Medium 260/315 lbs. 27.50-29.50. Few Boars 31.75-33.00, few Light weights 36.00-38.75.

FEEDER PIGS 0...No market test.

SHEEP 4...Two High Choice & Prime 40/60 lbs. spring slaughter lamb 65.00 & 74.00. Two Slaughter ewes 22.00 & 27.00.

GOATS 0...No Market Test.

Keister's Middleburg Auction
Middleburg, PA
May 30, 1989

CATTLE 326...PDA...Compared with last week's market: Few High Choice & Prime sl. steers 78.00-79.00, Choice 1100/1450 lbs. 73.00-78.00, Select 67.00-71.50; few Choice holsteins 66.00-69.00, couple to 71.25, few Select 62.00-64.75, few Standard 58.00-62.50. Choice sl. heifers 68.00-76.75. Few Breaking Utility & Commercial sl. cows 46.85-49.85, Cutter & Boning Utility 48.75-53.75, couple 55.35, Canner & Low Cutter 45.50-48.00. Couple Choice sl. bullocks 67.50 & 72.75. Few Yield Grade No. 1, 1340/1900 lbs. sl. bulls 63.50-64.50. FEEDER CATTLE: Few Medium and Large Frame No. 1, 500/700 lbs. steers and bulls 65.00-73.00.

CALVES 132...Couple Choice vealers 108.00 & 132.50, few Standard and Good 80/100 lbs. 89.00-100.00, few Utility 60/80 lbs. 73.00-86.00. Farm Calves: Holstein Bulls 85/135 lbs. 140.00-190.00, few to 200.00; few Hol. Heifers 90/110 lbs. 100.00-105.00.

HOGS 446...Barrows and Gilts .50 to .75 higher. US No. 1, 220/245 lbs. barrows and gilts 47.75-48.50, No. 1-2, 215/245 lbs. 46.50-47.75, 2-3 200/250 lbs. 45.00-46.50, 2-4 200/270 lbs. 44.00-45.00. US No. 1-3 300/650 lbs. sows 32.00-34.00, few to 36.75, 2-3 300/575 lbs. 25.00-32.00. Boars 30.00-33.00.

FEEDER PIGS 449...US No. 1-3 20/35 lbs. feeder pigs 22.00-30.00, 35/50 lbs. 29.00-37.50, lot 125 lbs. 49.50 --- all per head.

SHEEP 67...Choice 40/80 lbs. spring slaughter lambs 63.00-73.00, Slaughter sheep 14.00-29.00.

GOATS 17...Large 44.00-84.00 --- all per head.

Dewart Livestock
NOT REPORTED DUE TO HOLIDAY.

New Wilmington Livestock
NOT REPORTED DUE TO HOLIDAY.

Eighty-Four Livestock
NOT REPORTED DUE TO HOLIDAY.

Mercer Livestock
NOT REPORTED DUE TO HOLIDAY.

Peoria Cattle
Peoria, IL
Thurs., June 1, 1989

CATTLE: TRADING SLOW. COMPARED WITH LAST WEEK'S CLOSE SLAUGHTER STEERS AND HEIFERS 2.00 TO 3.00 LOWER. COWS MOSTLY STEADY. NOT ENOUGH BULLS TO TEST THE MARKET. RECEIPTS THIS WEEK ABOUT 900 AS COMPARED WITH ABOUT 1333 A WEEK AGO AND 958 A YEAR AGO.

SLAUGHTER CLASSES: STEERS: CHOICE 2-3 1100-1300 LBS. 71.50-72.50, LOAD 73.00 2-4 1050-1300 LBS. 70.00-72.00 SELECT & CHOICE 2-3 1000-1250 LBS. 68.00-71.00 SELECT 2-3 900-1050 LBS. 65.00-68.00

HEIFERS: CHOICE 2-4 950-1150 LBS. 70.50-72.00 LOAD & PART LOAD 72.50-73.00 800-950 LBS. 68.00-71.50 SELECT & CHOICE 900-1100 LBS. 67.00-70.00 SELECT 2-3 800-1000 LBS. 63.00-68.00

COWS: BREAKING UTILTY AND COMMERCIAL 2-3 41.00-46.00 CUTTER AND BONING UTILITY 1-2 44.00-48.00 FEW HIGH DRESSING INDIVIDUALS 49.00-52.00 CANNER AND LOW CUTTER 40.00-44.00

BULLS: YG 1-2 1500-2000 LBS. 58.00-65.00

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Virginia Weekly

June 1, 1989

MARKETS IN REVIEW; MAY 25-31, 1989. FEEDER STEERS AND HEIFERS IN VIRGINIA WERE STEADY TO $2.00 LOWER AS MIDWEST PRICES WERE 25-50 CENT LOWER.

SLAUGHTER STEERS AND HEIFERS IN VIRGINIA WERE STEADY TO 50 CENT LOWER AS MIDWEST PRICES WERE $1.50-2.00 LOWER.

COWS AND BULLS IN VIRGINIA WERE STEADY TO $3.50 HIGHER WHILE MIDWEST PRICES WERE $2.00-3.00 LOWER. BEEF PRODUCTION WAS LESS THAN 1% BELOW A YEAR AGO BUT LESS THAN 1% ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 7 POUNDS HEAVIER THAN LAST YEAR.

VEAL AND CALF PRICES IN VIRGINIA WERE MIXED, $8.50 LOWER TO $4.50 HIGHER AS MIDWEST PRICES REMAINED STEADY. VEAL AND CALF PRODUCTION WAS 3% ABOVE A WEEK AGO AND 1% ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 18 POUNDS HEAVIER THAN LAST YEAR.

LAMB PRICES IN VIRGINIA WERE $1.25-4.00 LOWER AS MIDWEST PRICES WERE MOSTLY $2.00 LOWER. LAMB PRODUCTION WAS 6% BELOW A WEEK AGO BUT LESS THAN 1% BELOW A YEAR AGO. AVERAGED DRESSED WEIGHTS WERE 1 POUND LIGHTER THAN LAST YEAR.

SLAUGHTER HOG PRICES IN VIRGINIA WERE 50 CENT TO $1.00 LOWER AS MIDWEST PRICES WERE 25-50 CENT LOWER. FRESH PORK PRICES WERE MIXED, $3.00 LOWER TO $2.50 HIGHER. PORK PRODUCTION WAS LESS THAN 1% HIGHER THAN LAST WEEK BUT 5% ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE THE SAME AS LAST YEAR.

THE VIRGINIA DIRECT HOG MARKET MAY 25-31, 1989 RECEIPTS FOR THE DIRECT HOG MARKET IN VIRGINIA TOTALED 13,238 HEAD. COMPARED TO LAST WEEK 17,787 HEAD. THE MARKET CLOSED 50 CENT TO $1.00 LOWER COMPARED TO LAST WEDNESDAY'S TRADING.

COUNTRY POINTS PLANTS US 1-3 200-240 LBS 43.00-44.50 --- US 1-2 210-240 LBS FEW HIGH YIELDING 43.50-45.50 US 2-4 210-240 LBS BASE PRICE 41.50-43.50 SOWS $28.00-29.00 AND BOARS $19.00-27.25

SLAUGHTER STEERS AND HEIFERS 1%; SLAUGHTER COWS 20%; SLAUGHTER BULLS 2%; SLAUGHTER CALVES AND VEALERS 1%; FEEDER CATTLE UNDER 600 LBS 56% OVER 600 LBS 20%

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS

SLAUGHTER CATTLE STEERS, CHOICE 2-3 1150-1300 LBS 69.25-74.50 CHOICE 2-3 1300 LBS & OVER 73 00 HEIFERS; CHOICE 2-3 900-1000 LBS 68.00 CHOICE 2-3 1000-1150 LBS 68.25-69.00 CHOICE 2-3 1150-1200 LBS 70.00 UTILITY & COMMERCIAL COWS 40.25-54.50 BULLS - 1-2 900-1300 LBS 50.00-64.00 1-2 1300-1600 LBS 53.75-64.00 1-2 1600 LBS & OVER 54.00-67.75 SLAUGHTER CALVES AND VEALERS VEALERS - HIGH CHOICE & PRIME 100-250 LBS 85.00-98.50 GOOD AND CHOICE 100-250 LBS 80.00-92.50 CALVES - GOOD AND CHOICE 250-500 LBS 73.00-84.00 SLAUGHTER LAMBS. HIGH CHOICE & PRIME 95-125 LBS SPRING 65.50-71.00 FEW 60.00 HIGH CHOICE & PRIME 95-125 LBS WOOL 55.00 SLAUGHTER HOGS US 2-4 200-250 LBS 40.70-44.00 SOWS US 1-3 300-500 LBS 27.50-36.00, 500 LBS & OVER 30.00-36.75

FEEDER CATTLE STEERS; MEDIUM 1 HEIFERS. MEDIUM 1 200-300 LBS 95.00-110.00 300-400 LBS 88.00-90.00 300-400 88.00-100.00 400-500 71.00-86.50 400-500 86.00-101.00 500-600 71.50-82 50 500-600 80.00-96.50 600-700 64.50-74.50 600-700 71.00-82.50 FW 89.50 700-800 57.00-65.00 700-800 65.00-74.50 800-900 56.00-68.50 800-900 63.25-73.00.

N. Virginia Area Livestock

Orange, VA

May 31, 1989

ALL TRENDS COMPARED TO LAST WEDNESDAY

SLAUGHTER CATTLE 53 HEAD - SLAUGHTER COWS 2 00 LOWER. SLAUGHTER BULLS 5.00 LOWER. SLAUGHTER STEERS AND HEIFERS 5 HEAD

STEERS; SELECT 2-3 900-1100 LBS 59.50

SLAUGHTER COWS 27 HEAD CUTTER & BNG. UT. 1-3 46 50-48 00 BRKG.UT. & COMM. 2-4 44 50-54 50 CANNER & LOW CUTTER 1-2 ---

SLAUGHTER BULLS 5 HEAD, 1-2 900-1300 LBS 50 00-59.00 1-2 1300-1600 LBS 63.50 1-2 1600 LBS & OVER 63 50

SLAUGHTER CALVES AND VEALERS 16 HEAD VEALERS - HIGH CHOICE AND PRIME 100-250 LBS 90.00-98.50 GOOD AND CHOICE 100-250 LBS 86.00-92.50 CALVES - GOOD AND CHOICE 250-500 LBS 80.00-84.00

FEEDER CATTLE 164 HEAD - FEEDER STEERS AND FEEDER HEIFERS STEADY. FEEDER BULLS 3.00-4.00 LOWER. STEERS; MEDIUM 1 MED.&LARGE 1 300-400 94 50 --- 400-500 91.00-94.50 80.00-84.00 500-600 85.50 72.00-79.00 600-700 --- 68.00-71 00

HEIFERS; MEDIUM 1 MED.&LARGE 2 300-400 80.00-84 00 74.50-80.00 400-500 76.00-81.00 70.00-77.50 500-600 72.00-76 00 61 50 600-700 71.00-72.50 --- 700-800 60.50-65.00 --- FEEDER BULLS; MED. 1 MED.&LARGE 2 300-500 LBS 75.00-89.00 77.50 500-700 LBS 70.00-75.00 --- 700-900 LBS 62.50 68.00-71.00 COWS WITH CALVES AT SIDE 2 PAIR, M-1, 6-8 YR OLD 950 LBS WITH CALVES 80 LBS 540.00-600.00, S-1, 10-12 YR OLD 750-850 LBS WITH CALVES 80 LBS 540.00 PER PAIR. BABY CALVES RETURNED TO FARMS 14 HEAD NEWBORN TO 4 WK OLD 52.50-95.00 PER HEAD. OVER 100 LBS 117 50-150 00 PER CWT

S.W. Virginia Are Livestock

Wytheville, VA

May 30, 1989

ALL TRENDS COMPARED TO LAST TUESDAY.

SLAUGHTER HOGS 19 HEAD - NO TRENDS REPORTED. BARROWS AND GILTS US 2-4 200-250 LBS 40.85 SOWS US 1-3 300-500 LBS 31.00-32.50 BOARS 23.50

SLAUGHTER CATTLE 93 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 88 HEAD TER & BNG.UT. 1-3 43.00-50.25 H 52.00-54.00 BRKG.UT. & COMM. 2-4 42.00-48.00 CANNER & LOW CUTTER 1-2 40.50-46.25

SLAUGHTER BULLS 5 HEAD; 1-2 1600 LBS & OVER 54.00-63.50

LAMBS 352 HEAD - NO TRENDS REPORTED. HIGH CHOICE AND PRIME 95-125 LBS SPRING 65.50 FEEDER LAMBS CHOICE AND FANCY 70-85 LBS 60 00 SLAUGHTER EWES ALL GRADES 12.00-17.50

FEEDER CATTLE 86 HEAD - NO TRENDS REPORTED STEERS; MEDIUM 1 LARGE 1 MED &LARGE 2 400-500 --- --- 98 00 700-800 --- 72 50 --- 800-900 69.75 --- --- HOLSTEIN STEERS, MED &LARGE 1-2 300-500 LBS 76 00-78.00

HEIFERS - TOO FEW TO QUOTE ANY PRICES

BABY CALVES RETURNED TO FARMS 48 HEAD NEWBORN TO 4 WK OLD 70 50-192.50 PER HEAD.

North Jersey Livestock

Hackettstown, NJ

Tues., May 30, 1989

Report supplied by auction

CALVES .48-2.08.
COWS .42-.58½.
EASY COWS .05-.48½.
HEIFERS .45½-.62½.
BULLS .48½-.65.
STEERS .60-.72.
BOARS .29½.
ROASTING PIGS, EACH 26 00-34.00.
SHEEP .05-.58.
LAMBS EACH 23.00-56 00.
LAMBS PER LB. .39- 99
GOATS EACH 7 00-100 00.
KIDS EACH 17.00-49.00.
TOTAL: 1,038.

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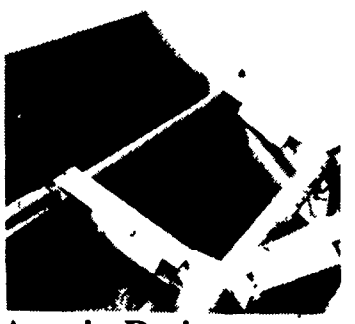

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Lancaster Farming

OPINION

More About BST

Whenever new technology is introduced into general use, resistance occurs. And this resistance often serves to modify the technology so it becomes even more useful.

Of course, we laugh at our ancestors who debated the rightness or wrongness of the use of artificial insemination in dairy cows. They even questioned if we should drink cows' milk.

John H. Tobe, a consumer advocate from earlier times, said in his book, titled "Milk, Friend or Fiend," that any man or woman who stands before you and claims that cow's milk is a right and proper food for human beings is either out of his mind, or has not thoroughly investigated the truth. Or he may be a tool for commercial interests who seek to exploit you.

Tobe also said that to use artificial insemination in dairy cows defeats nature's selectivity and results in an inferior, decadent and degenerative species.

Obviously, Tobe was wrong. But we can make that judgment because we have the luxary of past experience. Suppose he had been right. We would not be laughing now.

And that's where we are in the debates of bovine somatotropin (BST). Since this is the first animal product created from bio-technology, we don't have past experience to make a judgment on its acceptability to the dairy industry and to the people who buy dairy products.

We know a lot about BST, of course. No other product has received as much attention in research and media coverage prior to product introduction. We know it's a protein that when injected into a cow, causes her to give more milk under certain conditions. We have known this fact since 1970 or before.

And now with bio-technology we have the capability to artifically produce this naturally occurring component of milk. So, the composition of the milk taken from treated cows is not changed.

Unlike Tobe, consumer advocates today have a more powerful platform to speak their fears. Tobe needed the lengthy process to publish a book and obtain limited readership. Today's consumer advocates have the national media to influence the thinking of millions of people in one half-hour program on any given day of the year.

But farmers have the same means of communication. We can only hope that the message gets through to the public that milk from treated cows is no different than milk from untreated cows.

We hope 100 years from now we can laugh at the warnings we have heard from those who oppose the use of BST. But since we don't have the luxury of hindsight, we can only move forward slowly and clear the way with education to aleviate the unfounded fears and modify our position when fears are justified.

But how do we use the production records from BST treated cows alongside untreated cows to prove bulls and select cow families? That's another story.

Farm Calendar

Saturday, June 3

Cecil County 4-H Breeders Fair, Cecil County fairgrounds, Fairhill, Md., 9:00 a.m. to noon.

Carroll County, Md., farm ponds tour, Ag Center, Westminster, Md., 9:00 a.m. to 3:30 p.m.

Herb Fest, Herb Hollow, East Otto, N.Y., 10:00 a.m. to 5:00 p.m.; continues June 4. Call 716/257-5105 for more information.

Berks County Spring 4-H Festival, Berks Heim Annex, Leesport, 11:00 a.m. to 6:00 p.m.; continues June 4.

Seventh annual Franklin County beef and market lamb preview show, Shippensburg fairgrounds, Shippensburg, beef show at 10:00 a.m. to 1:00 p.m., lamb show at 11:00 a.m. to 2:00 p.m.

Bucks County Dairy Princess Pageant, Richland Mall, Quakertown, noon.

Centre County Dairy Princess Pageant, Logan Grange Hall,

(Turn to Page A31)

NOW IS THE TIME

By Jay Irwin
Lancaster County Agriculture Agent

To Prepare Grain Bins

We are approaching barley harvest season with wheat not far behind, so I would like to remind our grain producers that now is a good time to clean up your grain bins in preparation to harvest. First, clean out all the old grain, sweep down all the sidewalls and floors making sure to remove old grain lodged in the cracks.

Next, spray the floor and walk with a residual insecticide. Malathion and Methoxychlor are still very effective — follow the label for directions. Finally, prevent birds and rodents from entering the bins. Repair holes with metal or other rat-proofing materials. Clean up all spilled grain around the bin to discourage the various pests from the area.

To Move Livestock Carefully

Hot weather requires some special handling of livestock if losses are to be kept to a minimum. When temperatures and humidity both reach 80° F., livestock suffer the same as human beings. Fat animals suffer more than breeding animals, and fat hogs can stand the least amount of heat and humidity.

We suggest that livestock be moved during the early morning hours, and be hauled on trucks bedded down with wet sand. A minimum of stress and excitement will also reduce the danger of heat exhaustion. Trucks should be either open-sided or have good ventilation during hot weather. Losses during breakdowns can be reduced by having a standby truck available on short notice. Livestock are valuable; let's do all we can to reduce stress during hauling.

To Be Aware of Storm Safety

Spring is a time to savor — and also a time to beware when Nature casts aside a gentle way and unleashes deadly forces. Though lightning, wind and floods frequently destroy life and property, you can do much to avoid being a victim of weather fury.

When a thunderstorm approaches, avoid lone trees, small metal buildings, fences and high ground. Get out of the water if swimming or boating. Find refuge in a substantial building, motor vehicle or tractor cab. Don't ignore forecasts of severe weather because they are correct a majority of the time. It's also a good idea to safeguard your house and buildings with a properly installed, approved lightning protection system and inspect it annually.

Don't take chances, take safety.

To Use Respirators

A great many different types of chemicals and pesticides are used on farms today. This includes mixing, handling and applying the various materials. We urge farmers to invest in respirators to meet safety measures under today's farming procedures. These are needed for handling and applying various spray materials, and when using solvents that give off their fumes.

In addition, farmers working in dusty places, in manure storage tanks, and in silos should wear one of the protective devices. Dusts, molds and fumes are hard on lungs and require protection to reduce injury. The canister type respirators are suggested because they cover the entire face. Don't expose yourself to permanent lung injury when protection is available.

FARM FORUM

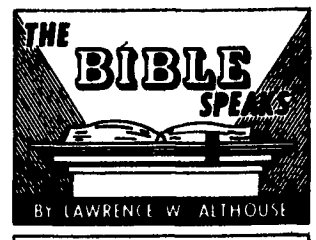
Editor:

The $1.9 billion in agriculture spending cuts that the White House and congressional budget negotiators have recently agreed on is even more disgusting than last year's plan to have farmers float a $400 million loan to the federal government by paying highway taxes on diesel fuel used in the fields. In fiscal 1990 nearly $800 million in savings will come from shifting an additional 10 percent of 1989-crop deficiency payments to fiscal 1989.

This game of smoke and mirrors budgeting has sickened the American people. Farmers, like everyone else, must climb out of the government trough and start earning their income from the marketplace.

From 1981 through 1988 we spent $124 billion on farm prog-

(Turn to Page A31)



TRADITION! TRADITION!
June 4, 1989

Background Scripture:
Joshua 1—4.
Devotional Reading:
Psalms 44:1-8.

If you have seen either the stage or motion picture versions of *Fiddler On The Roof*, you will remember that poignant song in which Tevye proclaims the underlying ethos of his people: "Tradition! Tradition!" But, alas!, Tevye and his fellow Russian Jews find it harder and harder to cling to their time-honored traditions as the claims and attractions of the changing world whittle away at them. Ironically, most of the challenges to the cherished traditions come through his own children.

RE-INVENTING THE WORLD

Much of the appeal for Tevye's story is our realization that his struggle is the struggle of every generation: maintaining the bedrock traditions of the community in the face of ever-present change. And Tevye's agonizing response to this challenge is instructive for us. Although, again and again Tevye had to give in and accept changes, he and his people clung to those elements of their tradition which could survive the challenge. In other words, Tevye and his people adapted to the new world, they did not give up.

Today, it would seem, lots of people, instead of keeping whatever traditions they can, have simply given up all the links with the past and surrendered to whatever culture seems to be prevailing at the moment. As always, the challenge to our traditions comes from the youth who *traditionally* want to "re-inevent the world." But the most telling factor in this situation is the placid acquiescence of the older generations in dispensing with the values and mores of the past. It would seem that many people are committed to preserving absolutely nothing of the past. Although there are many traditions of all kinds that are worthy of preserving, I am speaking specifically about our spiritual heritage — the essential meaning behind the traditions we try to preserve. The essence of that which we need to remember, if not the trappings.

WHAT MEAN THESE STONES?

In Joshua 4 we find the beginning of a Jewish tradition that has managed to keep alive a vital event that happened thousands of years ago. When the people of Israel under the command of Joshua passed over the Jordan River to attack Jericho, they experienced the power and providence of God. So that they would never forget that great experience, God commanded them through Joshua to set up a memorial of twelve stones—each symbolizing one of the twelve tribes—in Gilgal, "When your children ask their fathers in time to come, "What do these stones mean?' then you shall let your children know, 'Israel passed over Jordan on this dry ground"' (Joshua 4:21,22).

We need "stones" such as, these in our family, community and national life—memorials to help us remember the things which we can forget only to the impoverishment of both the present and the future. The world about us is in a state of constant and rapid change. Like Tevye, we will find there are lots of things which we cannot hold on to. But the experiences behind the "stones," the things we must remember, these we can and must carry on from one generation to another.

(NOTE: Mr. Althouse's new book, What You Need Is What You've Got—Finding, Developing and Using Your Inner Resources, has just been published by Samuel Weiser, Inc. If not available locally, you can order it autographed for $10.95 from New Dimensions Center, First United Methodist Church, Ross & Harwood Streets, Dallas, TX 75201.)

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Everett R. Newswanger Managing Editor

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Bethlehem, PA 18017
215-861-7320

Shenandoah Valley Livestock

Harrisonburg, Va.
May 27, 1989
Report supplied by auction

STEERS: M&L-1 300-500 LBS. 95.00-107.00; 500-700 LBS. 68.00-74.00; 700-1000 LBS. 60.00-66.50.

HEIFERS: M&L-1 300-500 LBS. 70.00-74.00; 500-700 LBS. 68.00-73.50; 700-1000 LBS. 65.00-67.25.

STOCK COWS: BEEF 820.00 AND DOWN; BABY CALVES 188.00 AND DOWN BY HEAD; 108.00 BY POUND.

SLAUGHTER COWS TREND: UTILITY AND COMMERCIAL 2-4 48.00-54.25; CANNER AND CUTTER 1-3 35.00-45.00.

SLAUGHTER BULLS 1&2 64 00-66.00.

LAMBS: BLUE O HIGH CHOICE AND PRIME 72.00; RED O CHOICE 65.00; FEEDER LAMBS CHOICE 63.75-64.00; SLAUGHTER EWES 15.50-20.00.

HOGS: US 1-3 200-240 LBS. 43.00; SOWS 1-3 22.75-30.25; BOARS 23.00.

VEALS: CHOICE AND PRIME 101.00 AND DOWN.

S.E. & Central Virginia Area Livestock

Southside (Blackstone) & Smithfield, VA
May 31, 1989

ALL TRENDS COMPARED TO LAST WEDNESDAY SOUTHSIDE CATTLE SOLD ON OUT WEIGHTS.

SLAUGHTER HOGS 140 HEAD - SLAUGHTER SOWS 25 CENT TO 1.00 HIGHER. BOARS 1.00-1.50 LOWER. SOWS US 1-3 300-500 LBS 35.40-36.00 500 LBS & OVER 33.75-34.90 BOARS 28.00-30.60; LIGHT BOARS 32.15

SLAUGHTER CATTLE 43 HEAD - SLAUGHTER COWS MOSTLY STEADY.

SLAUGHTER COWS 32 HEAD CUTTER & BNG.UT. 1-3 48.50-53.50 BRKG.UT. & COMM. 2-4 42.00-52.25 CANNER & LOW CUTTER 1-2 44.50-46.50

SLAUGHTER BULLS 11 HEAD; 1-2 900-1300 LBS 53.75-58.75 1-2 1300-1600 LBS 58.50-64.
00 1-2 1600 LBS & OVER 66.00

FEEDER CATTLE 716 HEAD - FEEDER HEIFERS AND FEEDER BULLS STEADY. STEERS; MEDIUM 1 LARGE 1 SMALL 1 MED.&LARGE 2 300-400 88.00-93.50 94.50-100.00 --- 86.00-92.00 400-500 81.00-92.75 --- --- 83.50-88.00 500-600 80.00-89.75 83.00-89.00 77.00-82.00 80.75-84.75 600-700 78.50-82.50 79.00-82.75 --- 75.00-79.00 700-800 70.50-74.50 --- --- --- 800-900 68 00-71.00 --- --- ---

HEIFERS; MEDIUM 1 LARGE 1 SMALL 1 MED.&LARGE 2 300-400 83.50-86.00 --- --- 77.00-84.00 400-500 77.75-85.00 --- 78.50-80.50 69.50-79.50 500-600 75.50-82.50 78.25-79.00 73.00-75.50 68.50-79.00 600-700 64.50-68.00 --- --- 64.75-66.25 700-800 --- 66.00-67.00 --- --- FEEDER BULLS; MED. 1 LARGE 1 MED.&LARGE 2 200-300 LBS 111.00-113.00 --- 85.00-92.00 300-500 LBS 68.00-84.50 FW 97.00 --- 76.00-83.50 500-700 LBS 67.50-81.50 68.00-75.00 --- BABY CALVES RETURNED TO FARMS 18 HEAD NEWBORN TO 4 WK OLD 76.00-140.00 PER HEAD. OVER 100 LBS 93.00-150.00 PER CWT.

Friend's Stockyard, Inc.

Accident, Md. 21520
May 29, 1989

STOCK BULLS & STEERS (200 TO 400 LBS.) 78.00-96.00.

STOCK HEIFERS: 62.00-81.00.

SLAUGHTER STEERS: GOOD TO CHOICE 1 GROUP 900 LBS. CATTLE 70.00; MEDIUM TO GOOD 60.00-65.60.

HOLSTEIN STEERS: HEAVY NONE AVAILABLE; LIGHT 52.00-61.00.

SLAUGHTER HEIFERS: GOOD TO CHOICE NONE AVAILABLE; MEDIUM TO GOOD 60.00-67.50.

BULLS: HEAVY 55.00-65.75; LIGHT 52.00-64.75.

COWS: FEW HIGH DRESSING 54.50; UTILITY HOLSTEIN 45.00-53.00; CANNERS 41.50-49.00; COMMERCIAL TO GOOD 40.00-45.50; CULL COWS 40.00.

VEALS: GOOD TO CHOICE 90.00-124.00, MEDIUM TO GOOD 80.00-89.00.

BOB CALVES: 60.00-85.00.

HOLSTEIN BULL CALVES: RETURN TO FARM 100-120 LB. 120.00-180.00.

HOLSTEIN HEIFER CALVES: RETURN TO FARM 100-120 LB. 85.00-130.00.

HOGS: TOP QUALITY 44.00-46.50; HEAVY 43.50-45.00; LIGHT 38.00-42.25.

SOWS: 26.00-31.50.

MALE HOGS: 24.00-27.00.

LAMBS: 70.00-82.50; FEEDER LAMBS: NONE AVAILABLE.

SHEEP: 18.00-26.00.

EGGS: (PER DOZEN) LARGE .65; MEDIUM .59; SMALL .50.

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, May 30, 1989
Report supplied by auction

SLAUGHTER COWS: HIGH YIELD 51.00-55.75; UTILITY 47.00-51.00; CANNERS 44.00-48.00; SHELLY 44.00 DOWN.

BULLS: YG#1 58.00-60.25; YG#2 55.00-58.00.

FED STEERS: LOW CHOICE 67.00-70.00; CHOICE #3 AND 4 65.00-68.00; SELECT 60.00-66.00.

VEAL CALVES: 135-300 LBS. CHOICE 102.00-111.00; 1 PRIME 410 LBS. AT 114.00; GOOD 90.00-100.00; CULLS 85-120 LBS. 90.00-102.00; 50-80 LBS. 85.00-98.00.

FARM CALVES: HOLSTEIN BULLS TO 186.00; 90-120 LBS. 150.00-178.00; 80-85 LBS. 100.00-145.00; HOLSTEIN HEIFERS 100.00-137.00; BEEF X HEIFERS TO 120.00.

BUTCHER HOGS: 90 HEAD. US#1 AND 3 215-250 LBS. 45.50-46.00; 200-215 LBS. 44.00-45.00; US#2 AND 3 43.00-44.50; US#3 AND 4 41.00-43.00.

SOWS: 20 HEAD. 300-650 LBS. 30.00-34.25.

BOARS: 18 HEAD. 30.75-31.25.

STOCK CATTLE: 60 HEAD. STEERS 500-700 LBS. 77.00-88.00; 700-900 LBS. 69.00-73.00; HOLSTEIN 500-800 LBS. 53.00-63.00.

HEIFERS: 300-500 LBS. 71.00-81.00; LIMOUSINS 85.00-89.00; 500-700 LBS. 65.00-74.00; 700-900 LBS. 55.00-69.00.

BULLS: 200-300 LBS. 89.00-103.00; 300-500 LBS. 78.00-92.00; 500-700 LBS. 65.00-70.00; 1 LIMOUSIN AT 83.00.

LAMBS: 60 HEAD. CHOICE 60-115 LBS. 57.00-67.00; 25-60 LBS. 60.00-110.00; GOOD, ALL WEIGHTS, 50.00-57.00.

SHEEP: UNDER 200 LBS. 20.00-30.00.

GOATS: LARGE BILLIES 70.00-76.00; MEDIUM AND LARGE 35.00-60.00; FLESHY KIDS 20.00-35.00.

PIGS: 90 HEAD. BY THE HEAD, SMALL, 16.00-20.00; 30-50 LBS. 19.00-25.00; 50-70 LBS. 22.00-34.00.

SHOATS: 50 HEAD. 160-190 LBS. 39.00-44.00.

STOCK BOARS: 240-350 LBS. TO 34.75.

Valley Livestock

Athens, Pa.
Monday, May 29, 1989
Report supplied by auction

HOLSTEIN HFR. CALVES TO 130.00.
VEAL CALVES TO 93.00.
VEALER BULL CALVES TO 180.00.
SLAUGHTER CALVES 75.00-96.00.
GRASSERS & FEEDERS 45.00-75.00.
LAMBS, 70.00-96.00.
SHEEP 18.00-30.00.
HOGS 200 TO 250 LBS. 38.00-44.00.
SOWS 25.00-33.00.
BOARS 24.00-30.00.
PIGS EACH 18.00-30.00.
HEIFERS, 50.00-53.00.
HEAVY STEERS TO 56.25.
FEEDER STEERS 50.00-78.00.
BULLS 52.00-63.25.
COWS GOOD 47.00-53.50.
COWS MEDIUM 44.00-47.00.
COWS POOR OR SMALL 38.00-44.00.
CATTLE MARKET STEADY.
CALF MARKET STEADY.
GOATS TO 65.00.
PONY AND CART TO 400.00.
HORSES SMALL TO 340.00.
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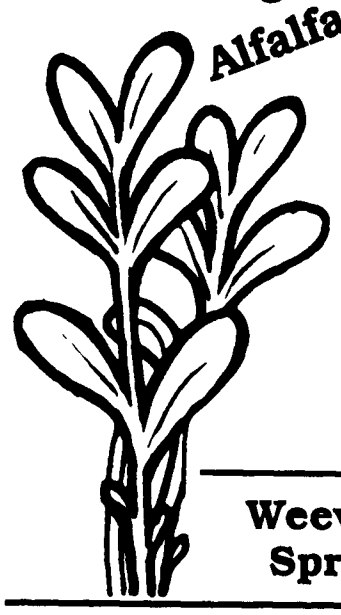

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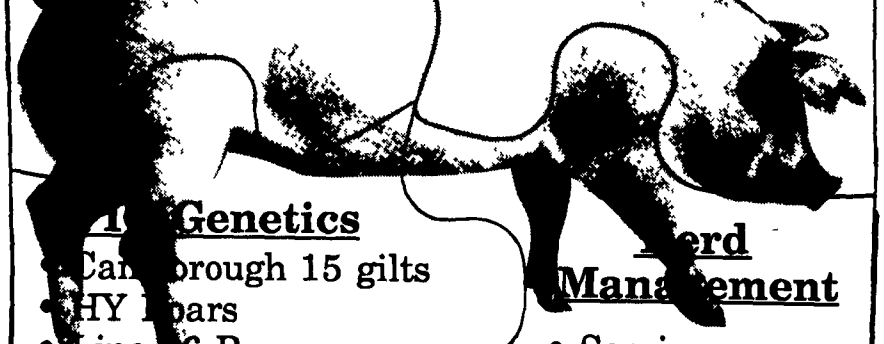

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Quality Products - Quality Service

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Philadelphia Vegetables

May 31, 1989

PARTLY CLOUDY 69-82.

ARTICHOKES CA ctn 36-48s fair qual & cond 2.00.

ASPARAGUS SLIGHTLY HIGHER CA 30-lb crt jbo 19.00 lge 19.00 fair cond 8.00-10.00 WA 30-lb crt WAExFcy lge 22.00-23.00 bchd 12s lge 25.00 NJ 30-lb crt bchd 12s field run med-lge 16.00-18.00 mos 18.00.

BEANS SLIGHTLY LOWER various bu containers Round Green type unless otherwise stated SC 12.00- 14.00 hand-picked 14.00-16.00 CA Fava type 12.00-13.00.

BEETS NJ crt bchd 12s 10.00.

BROCCOLI SLIGHTLY LOWER CA ctn bchd 14s 7.00-8.00 mos 8.00 18s 7.00-8.00 one label 9.00.

BRUSSEL SPROUTS NO SUPPLIES.

CABBAGE LOWER 1-3/4 buctn & crt med green unless otherwise stated FL 8.00-10.00 Red 15.00-16.00 GA 9.00-11.00 mos 10.00 fair cond 8.00 CA few 13.00-14.00 NETHERLANDS 50-lb sacks Red lge 14.00.

CARROTS ABOUT STEADY 48-1 lb film bags in film sacks CA med-lge 15.00-17.00 AZ med-lge 16.00 50-lb sacks loose jumbo CA 24.00 few 26.00 FL 23.00 AZ 23.00 ctn bchd 24s CA 9.50-10.50 miniature type CA ctn bchd 24s 10.00-11.00.

CAULIFLOWER ABOUT STEADY CA ctn film wrpd 12s 8.00-10.00 some 7.00.

CELERY ABOUT STEADY CA ctn 2 doz 20.00-23.00 mos 20.00 2-1/2 doz 20.00-22.00 mos 22.00 3 doz one lot 22.00 FL crt & ctn 2 doz 21.00-23.00 2-1/2 doz 21.00-23.00 3 doz 18.00 few 17.00.

CHINESE CABBAGE CA 50-lb ctn Nappa 14.00-15.00 Bok Choy 12.00-13.00.

CORN ABOUT STEADY FL wire-bound crt approximately 4-1/2-5 doz Yellow 8.50-10.00 mos 9.00 White 8.50-10.00 mos 10.00.

CUCUMBERS HIGHER 1-1/9 buctns & crt waxed medium unless otherwise stated FL fair qual & cond 10.00 SC 21.00-22.00 fair qual 16.00 GA Pickles unwaxed med 18.00.

DAIKON CA 40-lb crt 11.00-12.00.

EGGPLANT ABOUT STEADY FL 1-1/9 buctn wrpd med 10.00 fair qual 8.00 MEXICO ctn 18s & 24s fair cond 5.00.

ENDIVE SUPPLIES LIGHT FL 1-1/9 bucrt 14.00-15.00 CA ctn 24s few 17.50-18.00.

ESCAROLE SUPPLIES LIGHT NJ 1-1/9 bucrt 16.00-18.00 ---GARLIC NO SALES REPORTED.

GREENS ABOUT STEADY crt approximately 1-1/2 bu bchd unless GA Collards 6.50-7.00 mos 6.50 Kale 6.00-7.00 mos 6.50 NJ Mustard, Turnip Tops & Rape 6.50 Swiss Chard 7.00 Kohlrabi 10.00-12.00 Dandelion 8.00 CA Red Swiss Chard bchd 24s 7.50-8.00 Red Kale 24s 22.00-23.00.

LEEKS LOWER NJ crt bchd 12s 9.00-10.00 mos 10.00 CA ctn bchd 12s 9.00-10.00.

LETTUCE ICEBERG ABOUT STEADY ctn 24s unless otherwise stated CA 8.00-10.00 mos 8.00-9.00 few 7.50 film wrpd 9.00 fair qual & cond 5.00-6.00 30s 7.00-8.00 fair qual & cond 4.00- 5.00 ROMAINE SUPPLIES LIGHT CA 24s ctn 14.00 crt 18.00 NJ crt 24s 9.00-10.00 mos 10.00 BIG BOSTON CA ctn 24s 12.00-13.00 NJ crt 24s 9.00 BIBB NJ sml crt 24s 9.00-10.00 LEAF CA ctn 24s incl Red 14.00.

MUSHROOMS STEADY PA 4-qt bkt med-lge 5-5.50 sml-med 4-4.50 mos 4.00 10-lb ctn med 9-9.50 lge 10.50 exlge 11.75 packages 10-12 oz 9-9.50 mos 9.00 3-lb ctn Shiitake 18.00 fair qual 13.00-14.00.

OKRA SUPPLIES INSUFFICIENT TO QUOTE.

ONIONS-GREEN ABOUT STEADY CA ctn bchd 48s 7-7.50 MEXICO ctn bchd 48s 5.00-6.50.

PARSLEY ABOUT STEADY bchd 5 doz Curly unless otherwise stated FL crt 15.00-16.00 OH crt 16.00 CA ctn 13.00-14.00.

PEAS-GREEN SUPPLIES INSUFFICIENT TO QUOTE.

PEAS-SOUTHERN SUPPLIES INSUFFICIENT TO QUOTE.

PEAS-SUGAR SUPPLIES LIGHT 10-lb ctn per lb GUATEMALA 1.50.

PEPPERS SUPPLIES LIGHT 1-1/9 buctns Calif Wonder type unless otherwise stated FL lge 12.00 few 14.00 Mixed Red med 7.00.

RADISHES SLIGHTLY LOWER FL ctn Red 30-6 oz film bags 4.00-5.25 mos 4.50-5.00 OH ctn Red bchd 24s 6.00-7.00.

RHUBARB TOO FEW SALES TO QUOTE.

SPINACH LOWER Savoy type NJ bubkt 11.00-13.00 some 15.00 bchd 17.00 Flat type CA ctn bchd 24s 9.50-10.00

SQUASH SUPPLIES LIGHT 1/2 or 5/9 buctn unless otherwise stated FL Zucchini supplies insufficient to quote Yellow Straightneck sml-med 13.00-14.00 GA Zucchini med 7.00 Yellow Straightneck sml-med 10.00 few 12.00.

SWEET POTATOES NC 40-lb ctn Jewel type cured US#1 20.00 fair qual 10.00 lge 15.00.

TOMATOES ABOUT STEADY 25-lb ctn Pink to Light Red 85% US#1 or better unless otherwise stated FL 5x6s 9.50-10.50 mos 10.00 few 11.00 fair cond 9.00 6x6s 7.50-8.00 mos 8.00 fair cond 7.00 ord cond low as 4.00 6x7s 7.50-8.00 mos 7.50 fair qual 5x6s 8.00-9.00 mos 9.00 fair cond 7.00 6x6s 7.00-8.00 mos 7.00 6x7s 6.75- 7.00 mos 7.00 REPACKED LOCALLY FL 5x6s 12.00 6x6s 11.00 6x7s 10.00 CHERRY TYPE flats 12-1 pt trays FL ord cond 4.00-6.00.

TURNIPS topped NC 25-lb film bags med 8.00.

VEGETABLES-OTHER GUATEMALA 1-lyr flat Radicchio 12s 13.00-14.00

WATERCRESS FL ctn bchd 24s 9.00.

Leola Produce Auction

Leola, PA

May 30, 1989

Report Supplied by Auction

ASPARAGUS: .75-1.20 12 OZ. BUNCH.

LETTUCE: (HEAD) 1.75-3.00 CRATE, 18 CT.

BEDDING PLANTS: VEG. 3.00-7.25 FLAT; FLOWERS 3.00-8.50 FLAT; HANGING BASKETS 3.00-5.00 EACH.

SPRING ONIONS: 9.00-13.00 40 CT. BUNCH.

SUGAR PEAS: 18.00-25.00 10 LBS.

SUGAR SNAP PEAS: 18.00-25.00.00 10 LBS.

RADISHES: 8.00-12.00 40 CT. BUNCH.

RED BEETS 10.00-14.00 15 CT. BUNCH.

RHUBARB: 5.00-7.50 15 CT. BU.

SPINACH: 9.00-15.00 BU.

STRAWBERRIES 14.00-20.00 8 QT FLAT.

TOMATOES: GREENHOUSE, 25.00-32.00 25 LBS.

ZUCCHINI: 6.50-9.00 ½ BU.

SALE DAYS FOR NEXT WEEK: MON., TUES., THURS. AND FRI 10 a.m.

New Holland Dairy

New Holland Sales Stables

Wednesday, May 31, 1989

Report supplied by auction

REPORTED RECEIPTS OF 32 COWS, 58 HEIFERS, AND 3 BULLS. HEIFER MARKET STEADY; COW MARKET LOWER.

PA FRESH COWS, 860.00-1385.00.

LOCAL SPRINGING HEIFERS 750.00-1000.00.

SHORTBREDS 600.00-920.00.

OPEN HEIFERS 330.00-500.00.

BULLS 710.00-890.00.

LOCAL COWS 630.00-1120.00.

JERSEY COWS 405.00-670.00.

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Field work to a TELMARK® sales manager means just that. Our representatives conduct business where you conduct business. On the farms. In the fields. At the sites. They're local people with ag backgrounds. Which means they understand your business and speak your language. Most of all, they recognize how a lease through our AGRI-LEASE® program can help your business grow.

This program, provided *exclusively* by TELMARK, is dedicated to agriculture and agribusiness. It allows our reps to speak with confidence. Drawn from their own experience and over 20 years of agribusiness experience from TELMARK. For complete details about our AGRI-LEASE program, contact your dealer, local TELMARK representative, or call us at **315-449-7964.**

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Doug Snee 412-627-5941 (Southwest PA)

Judy Ligo 814-786-7429 (Northwestern PA)

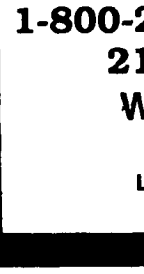
Charlotte Zebley 717-836-1366 (Northeastern PA)

Lavan Dauberman 301-548-5905 (Southern NJ)

Dana Goff 301-834-8323 (Western MD)

Andrew McLean 301-643-8036 (Delaware and Eastern Shore MD)

HOSTETTER PORK



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COWS, STEERS & BULLS

Slaughter Under USDA Inspection

FREE CALL
1-800-234-COWS (2697)
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Wayne Taylor

Lebanon, Berks, Lancaster & Chester Counties

Philly Potato & Onion

May 31, 1989

PARTLY CLOUDY 69-82.

ONIONS-DRY TX YELLOW JUMBO HIGHER, OTHERS ABOUT STEADY 50-lb sacks US#1 or generally good quality and condition Yellow new crop unless otherwise stated TX Grano Type colossal 10.00, jumbo 850-10.00 repacker size 800-900 25-lb sacks Red jumbo 900 White boilers 10.00 CA Grano type jumbo 8-850 White jumbo 12.00 Red Granex type 40-lb carton jumbo 15.00 AZ Grano type jumbo 850-900.

POTATOES ABOUT STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated Round Whites ME 9-950 lge 10.00 FL new crop 10.00-12.00 mostly 11.00 size B 10.00 Round Reds new crop AL 11.00-11.50 size B 14 50-15.00 AZ 50-lb carton 15.00 sacks size B 18.00 CA 14.00 size B 17.00 FL 11.00-12.00 size B 14.00-16.00 Long Whites CA 50-lb ctn 16.00 sacks size B 11.00 Russets 50-lb carton count ID 70s 17.00 80s 16.50-17.50 mostly 17.00 90s 14.50-15.50 mostly 15.00-15.50 100s 12.50-13.00 120s 12.50 WI includ- ing Norkotah 80s 13.50-14.00 90s 12.50 100s 11.00-11.50 120s 10.50 WA 70s 13.00.

Leinbach's Produce Auction

Shippensburg, Pa.

Thurs., Sat. & Tues. May 25, 27 & 30

Report Supplied by Auction

APPLES: 2.00-3.00 ½ BU.
ASPARAGUS: 6.00-12.50 10 LBS.
BEDDING PLANTS: 3.00-8.50 FLAT.
VEGETABLE PLANTS: 1.50-7.00 FLAT.
CIDER: 1.10-1.65 GAL.
HANGING BASKETS: 4.00-9.00 EA.
FLOWER SEEDLING POTS: .75-1.75 EA.
WINDOW PLANTERS: 3.50-8.00 EA.
POTATOES: 3.50-4.25 50 LBS.
RHUBARB: 3.00-4.00 10 LB. BOX.
SPRING ONIONS: 3.00-6.00 20 BUNCH BOX.
SUGAR PEAS: 16.00 10 LB. BOX.
TOMATOES: VINE-RIPENED FLA 10.00-15.00 25 LB. BOX.
STRAWBERRIES: 10.00-14.00 8 QT. FLAT.
WATERMELONS: FLA 1.10-2.00 15-18 LBS., 2.50-4.50 20-30 LBS.

Belknap Livestock Auction

Dayton, PA

May 31, 1989

CATTLE 54...PDA...Compared with last Wednesday's market: One Standard slaughter steer 59.75. Couple Choice sl. heifers low yielding 63.75&64, one Select 62.75. Few Breaking Utility & Commercial sl. cows 46.00-49, few low yielding down to 43.50, Cutter & Bon. Utility 46.50-50.00, one 52.50, Canner & Low Cutter 42.25-46.50, Shells down to 39.00. Couple Standard bullocks 60.75&61, one Utility 57.25. Feeder Cattle: Few Large Frame No. 2, 380/660 lbs. steers 57.00-70.00. Med. & Large Frame No. 1, 405/685 lbs. heifers 60.50-71.50. Few Medium Frame No. 1, 425/575 lbs. bulls 67.50-80.00.

CALVES 83...One Choice vealer 105.00, few Good 94.00-99.50, Standard and Good 90/100 lbs. 90.00-101.00, 60/85 lbs. 70.00-91.00. Farm Calves: Holstein Bulls 90/135 lbs. 133.00-190, few 140/150 lbs. 102.00-115.00, 75/85 lbs. 101.00-136.00. Holstein heifers few 85/95 lbs. 104.00-120.00. Beef cross 70/115 lbs. bulls & heifers 100.00-149.00.

HOGS 307...Barrows and Gilts $2 to $2.50 lower. US No. 1-2 240/250 lbs. barrows and gilts 44.00-44.00, lot 44.90, small lot 46.00, 1-3 230/255 lbs. 43.50-44.40, lot 225 lbs. 43.00, 2-3 230-280 lbs. 43.00-43.70, 2-4 270/325 lbs. 38.00-41.75, small lot 1-3 200 lbs. 45.00, lot 150 lbs. 40.00. US No. 1-3 360/655 lbs. sows 32.00-34.00. Boars 23.00-29.50.

FEEDER PIGS 65...US No. 1-3 30/35 lbs. feeder pigs 18.00-25.00, 35/45 lbs. 25.00-32.00, few 1-3 70/80 lbs. 35.00-40.00 --- all per head.

SHEEP 15...Few Choice 55/85 lbs. spring slaughter lamb 60.00-63.00. Slaughter ewes 16.50-19.00.

GOATS 24...Few Large 56.00-70.00, Medium 33.00-46.00, Med. & Large Kids 20.00-33.00 --- all per head.

Estimated Daily Livestock Slaughter

Under Federal Inspection

May 31, 1989

	CATTLE	CALVES	HOGS	SHEEP
WED., 5/31/89 (EST)	128,000	7,000	314,000	21,000
WEEK AGO (EST)	127,000	7,000	314,000	21,000
YEAR AGO (ACT)	129,000	9,000	306,000	21,000
WEEK TO DATE (EST)	263,000	18,000	642,000	42,000
SAME PD LT WK (EST)	383,000	23,000	929,000	57,000
SAME PD LT YR (ACT)	260,000	21,000	622,000	42,000

KING'S AUCTION
KIRKWOOD
Hay, Straw and Grain Auction
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12:00
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Auctioneer
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- 2500 Plows
- F350 Hydraulic Reset Plows
- Cultivator Parts
- Grain Drills
- Trip Plows
- Disc Harrows
- Cultipackers and Roller Harrows (John Deere and Brillion)
- 3500 and 3800 Harvesters
- Grain Platform
- Combine Corn Head

This is a partial listing. Please call for availability even if your machine is not listed.

TRACTORS:
JD 2040 Diesel....$6,950
Cab, Hiniker, model 1300 for 2630 Tractor, nice....$975
Farmall M....SOLD....$1,450
JD 2020 Gas w/146 Loader, Nice....$8,750
JD 3020 Dsl., Side Console, WF w/Syncro....$8,950
Bobcat 533 Diesel Skid Steer Loader
AC 7000 Tractor w/Power Shift, Cab & Air....$8,750

COMBINES & PICKERS:
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 324 2 Row Wide 12 Row 327 bed....$3,950
NI 818 combine, sharp #244 Corn Head
NI 2 row narrow w/sheller, A1....$3,950
JD #243 2 Row 30" Snapper Head....$2,350
NI Picker, 2 Row Narrow 12 Roll Bed, Nice....$5,800
JD #343 3 Row 30" Corn Head
JD 300 Husker w/3 Row Head
JD 40 Combine w/2 Row and Grain Head
JD 6620 LL Hydro Combine, Nice
13' Rigid Head for Side Hill....$1,750
JD 13' Grain Head w/Floating Bar
NI #702 Uni System w/#737 Picker And #743 3 Row Corn Head, Sharp Unit....$8,750
JD #443 Corn Head
JD #444 Corn Head
JD 300 Husker w/243 Corn Head
JD 213 Rigid Head....$2,850
NI 323 1 Row Picker....$500
NH 890 2 Row Narrow Snapper Head....$1,200

GRAIN DRYERS:
New Farm Fans AB8 Auto-Batch Dryer. MUST MOVE. CALL FOR PRICE.... (Dealer Inquiries Welcome)

HAY & FORAGE EQUIPMENT:
NH #282 Baler w/Thrower
NI #402 Rake
JD 1 Row, Row Crop Attachment, Nice....$550
JD 5½' Pickup Attachment
JD 2 Row 30" Row Crop Attachment
Ford 3 Pt. Flail Mower
JD #50 Side Mount Mower....$650
MC 7' Rotary Scythe....$1,450
JD 1219 Mower Conditioner....3,650
JD 640 Rake....$1,675
JD 24T Baler w/Engine
NH 488 Haybine....$2,850
Direct Cut Attachment For 3800 Harvester....$550
JD Running Gear....$350
NH 770 Harvester w/770W Pickup....$3,650

ROW CROP CULTIVATORS & ROTARY HOES
JD 4 Row Front Mount Cultivator For 3020....$1,550
JD RM 6 Row Cultivator....$1,675
JD RM 4 Row Cultivator....$1,275
JD RM 8 Row 30" Cultivator w/Transport....$2,275

NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES
JD 575 Dsl. Skid Steer Loader w/54" Bucket....$12,950

Coming In...
JD 500 Grain Cart, almost new
JD 21' Rotary Harrow w/end Transport, like new
JD 4200 4B Roll-Over Plow, Like New
JD 15A Chopper
IH 18' Folding Vibra Shank w/Tine Harrow
JD 300 Husker w/3 Row Head

PLANTERS & GRAIN DRILLS:
JD #1240 Plateless Planter....$1,850
White 5400 6 Row Air Planter....$2,350
IH #56 4 Row Planter....$1,150
JD 8300 21x7 DD Drill....$4,200
JD 8300 18x7 D....SOLD....$4,200
IH 510 24x6 DD Drill w/Fert. and Grass, Sharp....$4,850
JD 14x7 8250 Grain Drill DD w/Grass....$2,950
JD 17x7 VanBrunt Grain Drill....$650

PLOWS-MOLDBOARD AND CHISEL:
JD 7B 2500 Plow....$3,950
JD F350 5-16" Hyd. Reset Plow....$2,350
IH 530 5B Trip Plow....$950
JD 1450 6-16" Semi-Mtd. Plow....$2,250
Brillion 9 Tooth V Ripper....$2,650
Add On Bottom For 2500 Spring Reset Plow....$550
5 Shank V Ripper....$650
JD 2600 6B Auto Reset Plow, nice....$6,450
JD 3200 6x18 Spring Reset Trailer Plow....$3,850
JD 2500 5-18 Spring Reset Plow....$3,850
AC 4-18 Auto Reset Plow....$1,200
JD 4-16" F145 Semi Mtd. Plow....$1,450
IH 3 or 4 Bottom Auto Reset Plow 3 Pt....$1,450

DISCS AND FIELD CULTIVATORS
JD 12' TWA Plowing Disc....$3,250
JD BW 14' Disc....$1,450
JD 8' Killifer Offset Disk....$575
IH 9" Wheel Controlled Disk....$975
Kewanee 12' Rock Flex Disc....$2,450
Kewanee 16' Flat Fold Rock Flex Disc....$2,750
Brady 20' Wing Fold Field Cultivator....$1,850
Kewanee 800 Rock Flex Plowing Disc 12'....$2,950

ROLLER HARROWS AND CULTIMULCHERS
IH 315 12' Roller Harrow....$3,450
Brillion 15' Cultimulcher, very good....$3,650
Brillion 10' Cultimulcher, very good....$2,850
Brillion 22' Folding Cultimulcher....$6,850

CULTIPACKERS
Brillion 10' w/Big Shaft....$950
Brillion 3' Section 28' Packer....$2,450
Brillion 12' Packer, Big Shaft....$1,150
JD 10' Packer....$1,050

MISCELLANEOUS:
NI 217 Spreader w/Double Beater and Tail Gate....$1,450
14.9x38 Direct Axle Dual Wheels
Kelley Loader for JD Row Crop....$1,650
NH 352 Grinder-Mixer....$2,450
JD 660 Spreader w/Hyd. Tail Gate....$3,650
Donahue Implement Trailer....$1,750
1 Set 20.8x38 Direct A....SOLD Duals For 4850....$2,200

DOEBLER'S Hybrids
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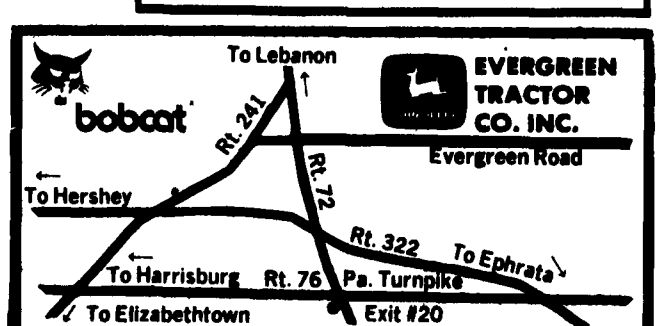

30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

Greencastle Livestock

Greencastle, Pa.
Monday, May 29, 1989

SLAUGHTER CATTLE RECEIPTS: 69 HD. SLAUGHTER STEERS: TREND: 1.00 LOWER. CHOICE 2-3 950-1075 LBS. 70.00-74.00; CHOICE 2-3 1075-1375 LBS. 71.50-76.00; CHOICE 2-3 OVER 1375 LBS. 71.00-74.25; CHOICE #4 ALL WEIGHTS 66.00-69.75; SELECT AND CHOICE 1-2, 950-1100 LBS. 69.00-71.50; 1100-1375 LBS. 68.00-72.75; OVER 1375 LBS. 66.00-69.50.

HOLSTEINS CHOICE 2-3 1050-1450 LBS. 61.00-66.00; SELECT 1-2 1050-1450 LBS. 56.50-61.00.

SLAUGHTER HEIFERS 64 HEAD. TREND: 1.00 LOWER. CHOICE 2-3 850-1000 LBS. 64.00-70.00; 1000-1250 LBS. 68.00-73.00; CHOICE #4, ALL WEIGHTS, 62.00-66.50; SELECT AND CHOICE 1 AND 2 850-1000 LBS. 65.00-69.50; 1000-1250 LBS. 66.50-71.50.

HOLSTEINS CHOICE 2-3 1000-1350 LBS. 56.00-62.25; SELECT AND CHOICE 1-2, 1000-1350 LBS. 55.00-57.50.

SLAUGHTER BULLS: 14 HEAD. TREND: STEADY. YG1, ALL WEIGHTS, 59.00-64.00; YG2, ALL WEIGHTS, 55.50-59.50.

BULLOCKS: 4 HEAD. CHOICE 1-3 1150-1375 LBS. 61.50-66.00.

COWS: 133 HEAD. TREND: 1.00-2.00 HIGHER. BREAKING UTILITY AND COMMERCIAL 49.00-55.00; CUTTER AND BONING UTILITY 47.00-54.00; CANNER AND LOW CUTTER 47.00 & DOWN.

STOCKER AND FEEDER CATTLE RECEIPTS: 52 HEAD. BEEF TYPE STEERS: 400-600 LBS. 78.00-86.00, HEIFERS 65.00-74.00; 600-800 LBS. STEERS 69.00-77.00; BULLS 59.00-66.00, HEIFERS 64.00-69.00; 800-975 LBS. STEERS 63.00-67.00.

HOLSTEIN AND DAIRY CROSS STEERS 200-400 LBS. 70.00-84.00; 400-600 LBS. 63.00-69.00; 600-800 LBS. 59.00-63.50; 800-975 LBS. 56.00-60.00; BULLS 800-975 LBS. 52.50-57.50.

CALVES: 336 HEAD. TREND: STEADY. CHOICE, 150-300 LBS. 92.00-108.00; GOOD, 150-300 LBS. 82.00-90.00; GOOD, 100-150 LBS. 82.00-90.00; GOOD, 80-100 LBS. 89.00-102.00; STANDARD, 80-100 LBS. 85.00-92.00; STANDARD, 80 LBS. AND DOWN 85.00 AND DOWN.

CALVES RETURNING TO FARM. TREND: 5.00 LOWER. HOLSTEIN BULLS OVER 100 LBS. UP TO 187.00; UNDER 100 LBS. UP TO 167.50; HOLSTEIN HEIFERS, OVER 100 LBS. UP TO 132.00; UNDER 100 LBS. UP TO 110.00; BEEF TYPE BULLS, OVER 90 LBS. UP TO 140.00; BEEF TYPE HEIFERS, OVER 90 LBS. UP TO 120.00.

SHEEP AND LAMBS: 51 HEAD. TREND: 5.00 LOWER. CHOICE, 80-100 LBS. 60.00-63.00; 100-120 LBS. 58.00-61.50; 120 & OVER 54.00-57.00; MEDIUM AND GOOD, ALL WEIGHTS, 52.00-57.00.

SHEEP: EWES, LEAN, 21.00-27.00; EWES, FAT, 15.00-19.00; BUCKS 17.00-20.00.

GOATS: 12 HEAD. SMALL 14.00-19.00; MEDIUM 20.00-37.00; LARGE 38.00-60.00.

HOGS, SOWS AND BOARS: 94 HEAD. TREND STEADY. 210-250 LBS. 43.00-45.75; 250-260 LBS. 44.00-45.00; 260-270 LBS. 41.00-42.50.

LIGHT HOGS: 140-180 LBS. 35.00-39.00; 180-210 LBS. 39.00-41.00.

SOWS: TREND: 1.00 HIGHER. GOOD, UNDER 400 LBS. 32.50-37.00; OVER 400 LBS. 33.00-38.00; CULL SOWS, ALL WEIGHTS, 26.50-31.50.

BOARS, TREND: STEADY. 180-210 LBS. 28.00-31.00; 210-260 LBS. 29.00-31.00; 260-300 LBS. 27.00-29.00; 300 LBS. AND OVER 28.00-29.25.

FEEDER PIGS: BY THE HEAD, 30-40 LBS. 19.00-24.00.

SALE EVERY MON., 2 P.M. AND EVERY THURS., 1 P.M. HAY AND STRAW EVERY MON. AND THURS., 11:30 A.M. SPECIAL FEEDER CATTLE SALE FRI., JUNE 2, 7:15 P.M. SPECIAL FEEDER PIG SALE SAT., JUNE 24, 1 P.M.

Grantsville Livestock

Grantsville, Maryland
Sat., May 27, 1989

HOGS: TOP BARROWS & GILTS 45.00-46.50; HEAVY BUTCHER 40.00-45.00; LIGHT BUTCHER 30.00-44.50; BUTCHER SOWS 30.00-36.50; FEEDER SHOATS 8.00-35.00.

VEAL: GOOD 95.00-115.00; STANDARD 80.00-90.00; UTILITY 60.00-75.00; BULL CALVES 120.00-185.00.

SHEEP & LAMBS: GOOD 62.00-70.00; UTILITY 50.00-60.00; SLAUGHTER EWES 18.00-25.00.

SLAUGHTER CATTLE: STEERS GOOD 68.00-69.50; STANDARD 60.00-64.00; UTILITY 55.00-58.00. HEIFERS GOOD 64.00-68.50; STANDARD 58.00-62.00; UTILITY 48.50-52.00.

COWS: COMMERCIAL 48.00-54.00; UTILITY 45.00-46.00; CANNER & CUTTER 38.00-42.50.

BULLS: COMMERCIAL & GOOD 58.00-62.00; CUTTER & UTILITY 50.00-55.00.

STOCK-FEEDER CATTLE: GOOD 70.00-78.00; MEDIUM 60.00-65.00.

STEER CALVES: GOOD 75.00-92.00; MEDIUM 62.00-70.00.

HEIFER CALVES: GOOD 70.00-82.50; MEDIUM 55.00-65.00.

EGGS: LARGE .52-.58; MEDIUM .45-.50.

Peoria Sheep

Peoria, IL
May 30, 1989

SHEEP: 150 TRADING MODERATE SLAUGHTER LAMBS 3.00 LOWER

SLAUGHTER LAMBS: CHOICE AND PRIME 95-120 LBS. 67.00-70.00

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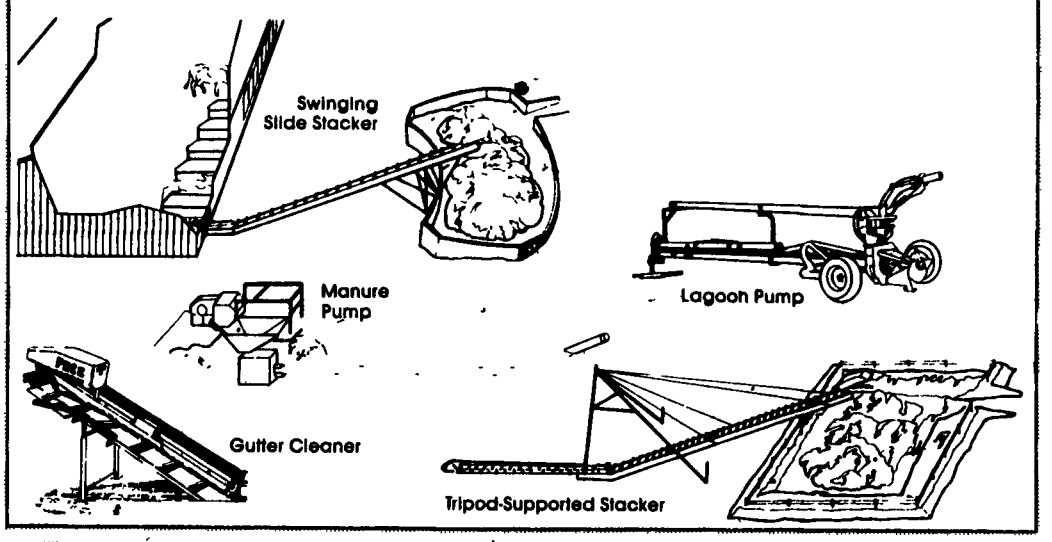

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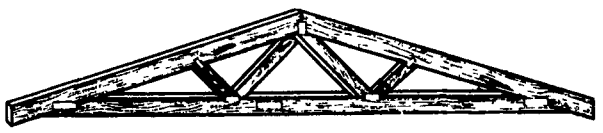

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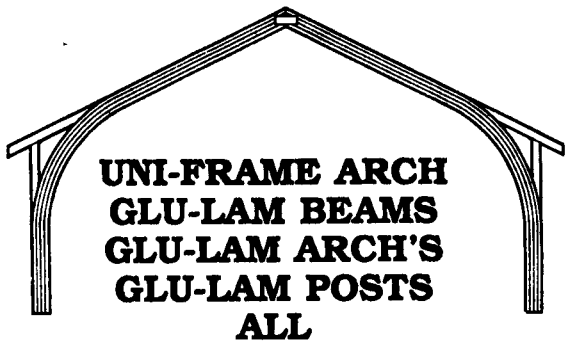

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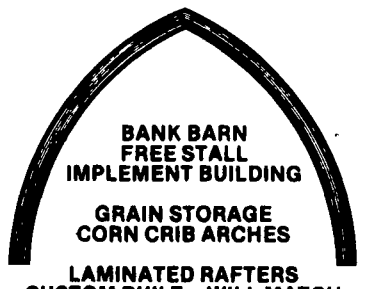

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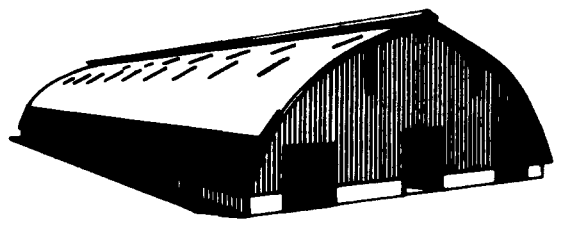

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T/G FLOORING & DECKING

Leesport Livestock Auction

Leesport, PA
May 31, 1989

CATTLE 201...PDA... Supply included 38 head feeder cattle ...Compared to last Wednesday's market: Slaughter steers .50 to $1, spots $2 higher; Cows steady to $1 higher. Few High Choice and Prime 1150/1300 lbs. sl. steers 77.25-77.60, few Choice 1080/1250 lbs. 73.75-77.00, Select 68.00-73.25; few High Choice and Prime 1250/1670 lbs. holsteins 70.00-72.50, Choice 1180/1500 lbs. 68-70.50, few Select 64.00-67.75, few Standard 57-63.50. Few Choice 1100/1480 lbs. sl. heifers 70-73.25, few Select 60.25-68.50, one Standard 54.50; few Select & Choice holsteins 61.75-66.50. Few Breaking Ut. & Commercial sl. cows 50.75-52.50, Cutter & Bon. Utility 49-52.25, few 54.75, few Low Dressing 44.75-48.75, Canner & Low Cutter 45.00-50, Shells down to 40.00. Select & Choice sl. bullocks 62.00-67 85, few Standard 59.25-62.85. Few Yield Grade No. 1, 1250/1650 lbs. sl. bulls 61.75-66.00, couple No. 2 1000/1050 lbs 53.50&56.00. FEEDER CATTLE: Few Medium and Large Frame No. 1, 425/750 lbs. steers 69.50-75.00, few Large #2, 825/965 lbs. 58.00-62.75. Medium Frame No. 1, 380/425 lbs. bulls 82.50-87.00.

CALVES 121...Few Choice vealers 111.00-120.00, few Good 81.00-101.00, few Standard & Good 80/110 lbs. 80.00-96.00, few 65/80 lbs. 65.00-75.00, few Utility 55/60 lbs. 50.00-60.00. Farm Calves: Holstein Bulls No. 1, 90/120 lbs. 155.00-184, One 187.00, few 120/135 lbs. 125.00-140.00, few 80/90 lbs. 90.00-135.00, No. 2, 90/120 lbs. 115.00-152.50; few Holstein 90/120 lbs. heifers 102.50-146.00. Beef Cross 85/100 lbs. bulls and heifers 94.00-145.00.

HOGS 350...Barrows and Gilts .75 to $1 higher. US No. 1-2 215/250 lbs. 46.75-47.00, 1-3 215/255 lbs. 45.00-48.00, mostly 45.60-47.00, few 2-3 220/260 lbs. 43.00-46.00, lot 175 lbs. 40.75. Sows .50 to $2.50 higher. US No. 1-3 280/660 lbs. sows 34.25-38.25, couple 40.00, 2-3 340/575 lbs. 32.50-34.50, few Medium 300/525 lbs. 31.50-34.50. Few Boars 30.00-34.25.

FEEDER PIGS 206...Few US No. 1-3 15/20 lbs. feeder pigs 14.00-19.00, 25/50 lbs. 60.00-108.00, mostly 65.00-81.00, --- all per hundredweight.

SHEEP 64...Choice 50/95 lbs. spring slaughter lambs 58.00-60.00, few 65.00, 95/145 lbs; 48.00-53.00, few Good and Choice 40/90 lbs. 50.00-59.00. Slaughter sheep 14.00-19.00.

GOATS 36...Medium & Large Adult 40.00-74.00, Large Kids 24.00-37.50, few small Kids 17.50-18.00 --- all per head.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, May 29, 1989
REPORT SUPPLIED BY AUCTION

REGISTERED RECEIPTS OF 370 HEAD OF HORSES, MULES AND PONIES. MARKET STEADY.

DRIVING HORSES 410.00-975.00.
RIDING HORSES 400.00-650.00.
REGISTERED HORSES 750.00-860.00.
HEAVYWEIGHT KILLERS 450.00-650.00.
LIGHTWEIGHT KILLERS 285.00-400.00.
MARE PONIES 35.00-110.00.
COLTS 20.00-55.00.
GELDING PONIES 35.00-110.00.
LARGER PONIES 150.00-340.00.

FARM BUREAU ACRES

(Continued from Page A3)

gains in June attributed to positioning on first intentions day. Steep gains were held in check by reports of sluggish retail demand and wholesale price weakness. Bellies were higher on short covering and light buying in response to key reversal in July and August with both months setting contract lows and ending higher for the session.

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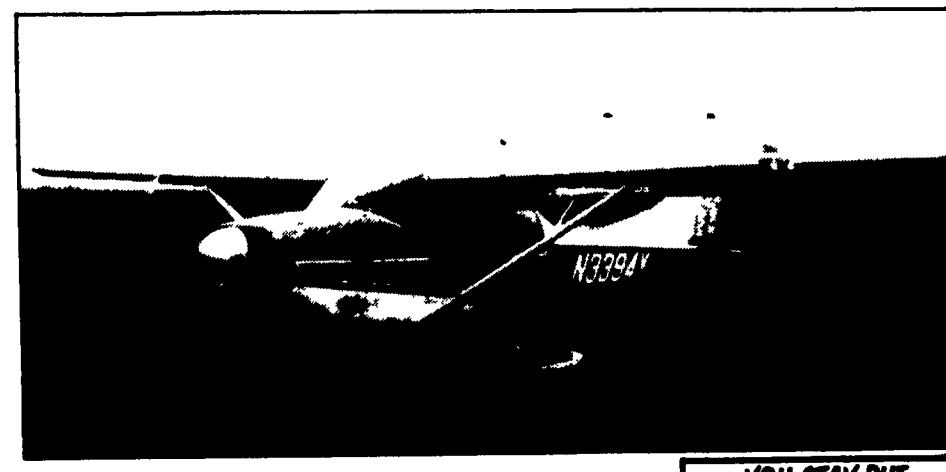

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BCS

TWO-WHEEL TRACTORS

ATTACHMENTS

Cut Your Tough Mowing Job Down To Size

The 602 Tractor with the front-mounted sickle bar can cut any home or commercial yard job down to size Choose from a 30" 40" and 44" sickle bar to mow weeds high grass brush or even saplings A 3-speed forward and one reverse transmission and large tractor tires allow for easy maneuvering even over hilly terrain and ditch banks

The new BCS 6HP gasoline engine features electronic ignition for easy starting, handlebar mounted controls, cast iron cylinder sleeve for long life, dry cartridge air filter and quiet muffler

BCS model 602 can cut any job down to size

A Two Wheel Tractor For All Seasons

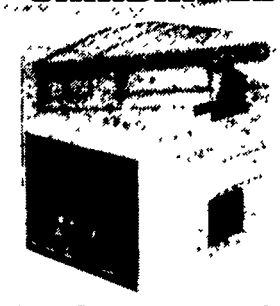
CUMMINGS & BRICKER, INC.
100 Stover Drive
Carlisle, PA 17013
717-249-6720

BROILER FEEDING SYSTEM Cyclone

POULTRY SYSTEMS & SUPPLIES

TURKEY FEEDING SYSTEM Cyclone

CAMBRIDGE



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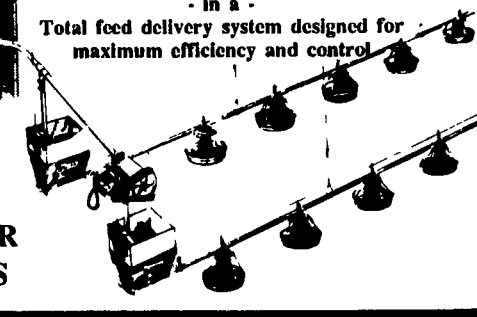
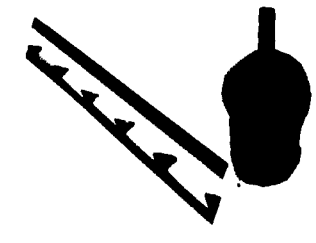
GSI HOPPER TANKS

GSI FLEX-FLO FEED DELIVERY SYSTEMS
Components manufactured from heavy materials for years of reliable service
- In a -
Total feed delivery system designed for maximum efficiency and control

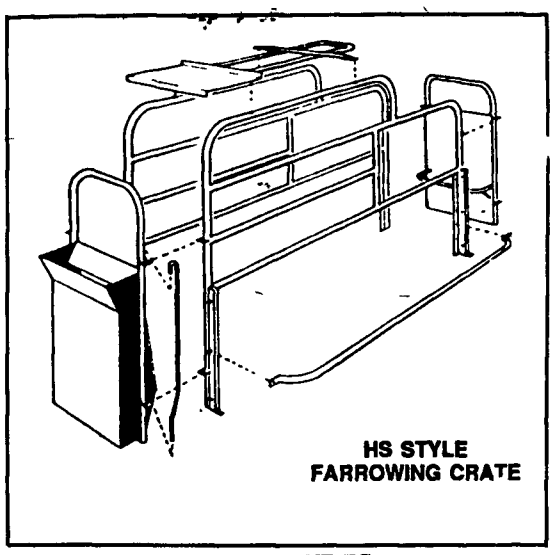


Cyclone DRY DRINKERS FOR BROILERS

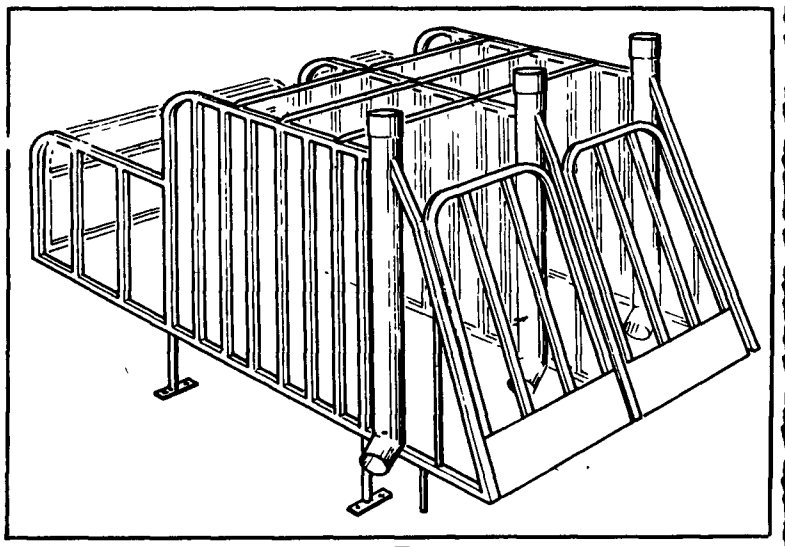


TRI-COUNTY
CONFINEMENT SYSTEMS INC.
608 E. Evergreen Rd., Lebanon, PA 17042
Ph: 717-274-3488

GESTATION STALLS & FARROWING CRATES

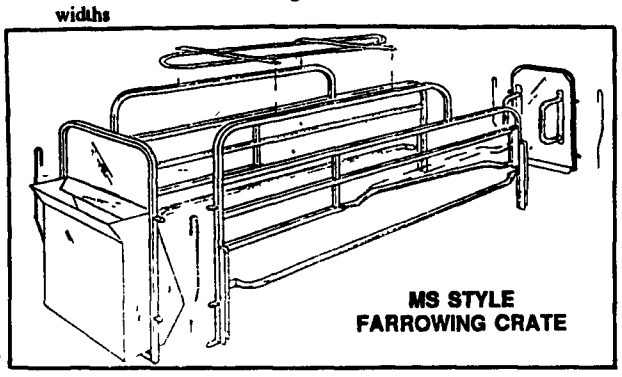


HS STYLE
FARROWING CRATE



FEATURES

- Heavy tubing or solid rod construction
- Hot dip galvanized finish
- Doors with hinge pins open both ways
- Back up bar moves out of way with back door
- Full front feeder door
- Draft barrier brackets installed
- Optional creep feeders
- Selection of raised decks
- Available in 6'6" or 7' lengths and 18"-20"-22"-24" widths



MS STYLE
FARROWING CRATE

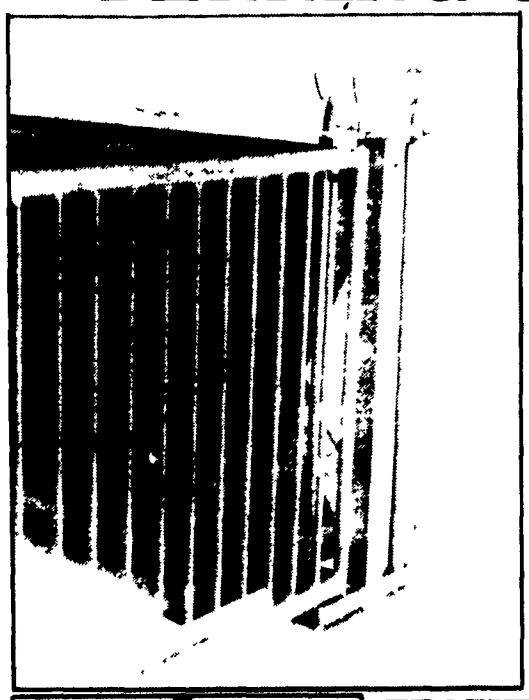
Features:

- 1" solid rod leg
- ½ " flat steel foot
- .100" steel tubing or 15/16" solid rod
- Optional built-in drop tubes for automatic feeding
- 36" or 41" overall height
- 78" or 84" overall length
- 18", 20" or 24" widths
- Front and back doors open both ways
- Available in hot dipped galvanized
- Gate assembly from rear or side available on gestation stall to eliminate posts for boar pen installations.
- Stainless steel trough available to fit stalls

New Features

- Sow actioning "Pig Saver Bar"
- Reduces to 18" ID area
- Crate 23" ID
- Heavy 1¼ " Construction
- Adjustable roll bar 30" ID
- Double vertical back-up bars

PENNING & DRY FEEDERS



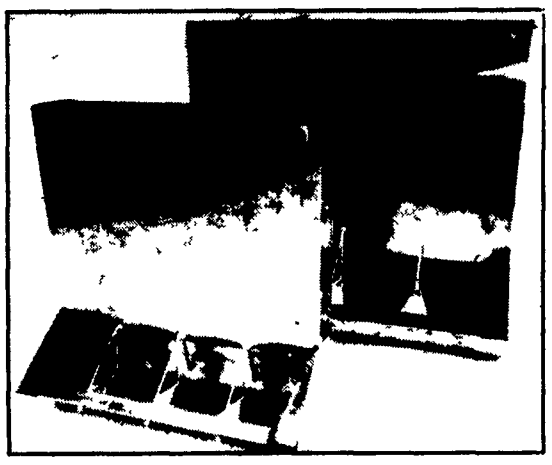
FEATURES

- Full range of sizes available
- Heavy duty 1-5/16" round tubing frame
- Top quality welding
- Fast and easy access with gate pins
- Compatible with BCB stainless steel feeders
- Available black, painted or galvanized.

BCB Equipment has a full line of heavy duty Penning for pre-nursery to grower and finishing stages. Except for the pre-nursery model, all styles are constructed using 1-5/16"x.100 tubing top and bottom, securely welded to insure confinement while access to the pens is quick and easy by just removing a gate pin. All Penning is compatable with BCB stainless steel feeders and is available black, painted or galvanized.

FEATURES

- Stainless steel construction
- Safety-rolled edges
- Deep trough design
- 2" feed saving lip
- Sloped floor for full feed distribution
- Adjustable feed gate
- Optional crank control



- Anti-slip rubber feet
- Nursery and finishing styles
- 30 models to choose from

HSHEY EQUIPMENT COMPANY, INC.

SYCAMORE IND. PARK
255 PLANE TREE DRIVE
LANCASTER, PA 17603
(717) 393-5807

Route 30 West at the Centerville Exit.

Designers of Quality Systems for Poultry, Swine and Grain Handling

Frederick Livestock Auction

Frederick, Md.
Monday, May 29, 1989
Report Supplied by Auction

BUTCHER COWS: HIGH YIELD 51.00-53.00; STANDARD AND UTILITY 47.00-51.00; CANNERS 44.00-48.00; SHELLY 44.00 DOWN.

BULLS: YG#1 59.25; LIGHTWEIGHT 57.00-58.00.

BUTCHER HOGS: US#1 AND 3 215-250 LBS. 45.50-46.75; US#2 AND 3 240-260 LBS. TO 44.75.

SOWS: 300-600 LBS. 31.00-33.75.

VEAL CALVES: CHOICE (1) AT 160 LBS. AT 102.00; CULLS 85-115 LBS. 95.00-105.00; 50-80 LBS. 88.00-100.00.

CALVES RETURNING TO FARM: BEEF X 70-110 LBS. 110.00-132.00; HOLSTEIN HEIFERS 90-120 LBS. TO 127.00; HOLSTEIN BULLS 80-90 LBS. 110.00-160.00; 90-120 LBS. 150.00-185.00.

LAMBS: 1 CHOICE 50 LBS. AT 74.00.

SHEEP: 20.00-30.00.

STOCK CATTLE: STEERS 500-700 LBS. 77.00-88.00; 700-850 LBS. 66.00-71.50; 900 LBS. 65.00.

HEIFERS: 500-800 LBS. 58.00-62.50; BULLS 500 LBS. TO 69.50; DAIRY COWS 1 FRESH AT 875.00.

PIGS AND SHOATS: BY THE HEAD, 25-45 LBS. 16.00-33.00.

Four States Livestock

Hagerstown, Md.
Wed., May 31, 1989
Report supplied by Auction

SLAUGHTER: FED STEERS HIGH CHOICE TO PRIME 75.00-78.00; CHOICE 71.00-75.00; SELECT 63.00-70.00; STANDARD HOLSTEINS 55.00-62.00.

FED HEIFERS: SELECT 61.00-66.75.

COWS: HIGH YIELD 52.00-55.75; UTILITY 47.00-52.00; CANNER CUTTER 44.00-49.00; SHELLY 44.00 DOWN.

BULLS: YG#2 54.00-58.00

VEAL CALVES: 150-300 LBS. CHOICE 101 00-111 00; GOOD 90.00-100.00; STANDARD 80.00-90.00P; CULLS 85-110 LBS. 90.00-101.00; 60-80 LBS. 82.00-95.00; RETURN TO FARM CALVES, HOLSTEIN BULLS 85-120 LBS. 150.00-185.00; SMALL FRAME 120.00-150.00; HOLSTEIN HEIFERS 110.00-132.00; BEEF X BULLS 105.00-132.00.

LAMBS: HIGH CHOICE TO PRIME 80-115 LBS. 62.00-67.00; GOOD TO CHOICE 60-80 LBS. TO 70.00; 30-60 LBS. 60.00-94.00.

GOATS: MEDIUM TO 48.00; FLESHY KIDS TO 31.00.

STOCKER STEERS: 300-500 LBS. 80.00-91.00; 400-600 LBS. FEW TO 82.00; 750-1000 LBS. 65.00-74.00; HOLSTEIN AND HOLSTEIN X STEERS 300-600 LBS. 70 00-78.00.

HEIFERS: 300-400 LBS. 74.00-81.00, 400-600 LBS. 70.00-86.00; 600-800 LBS 62.00-74.00.

BULLS: 300-400 LBS 73.00-88.00; 600-800 LBS. FEW TO 63.50; 800-1000 LBS. 53.00-60.00.

DAIRY REPLACEMENTS: SPRINGING HEIFERS LARGE TO 985 00; FRESH COWS TO 750.00; SERVICE BULLS BY THE POUND, 2 HOLSTEINS 1000 LBS. TO 55.50.

THOMAS TRUCKING, INC.

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Lancaster, PA 17602
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- *Loader and back hoe service*
  Skid loader with back hoe
  Back hoe with four-wheel drive
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- *Double ground mulch*
- *Stone and sand*
- *Decorative stone and pebbles*

Evening and Saturday delivery available

Thank You For Reading Our Ad

Philly Fruit

May 31, 1989

PARTLY CLOUDY 69-82.

GRAPEFRUIT STEADY FL ctn Seedless Indian River Red 23s 10.50-11.00 27s 10.50-11.50 32s 8.50- 10.00 mos 10.00 36-40s 8.50-10 00 mos 9.00-10.00 48s 8.75-10 00 56s 8-8.50 White 27s 9 00 32s 9.50 36s 9.00 fair qual 5.00-6.00 40-48s 9 50 8-5 lb mesh sacks 36 size Red & White 12.00

LEMONS STEADY CA ctn one label 95-115s 28 00 140s 20.00 165s 19.00 200s 18 50 fair qual 95s 18.50-20 00 115s 17 00-20 00 140s 17 00-18.50 165s 15 00-16 50 mos 15.00 200s 14.00-15 00 ord qual 140s 12 00-14 00 few 15.00 165s 11 00-12 00 few 14.00.

LIMES STEADY FL Persian Seedless 10-lb ctn 42s 4.50 48s 4-4.50 54-63s 3.50-4.00 mos 4 00

ORANGES STEADY CA ctn Navel 48s one label 14.50 56s 14.00 one label 16 50 72s 15.00-16 00 one label 17 00 88s 15.00 one label 16.50 113s 13.00 one label 15.50 fair qual 56-88s 10.50-11.00 113s 10.00-11.00 Valencia 72-88s 15.50 fair qual 72-113s 9.50 FL 4/5 buctn Valencia 64s one lot 11 50 80-125s 10 00-10 50 mos 10.50 one lot 11.50 8-5 lb mesh sacks 64 & 80 size 11.00-11.50 10-4 lb mesh sacks 64 & 80 size 12.00.

APPLES STEADY CONTROLLED ATMOSPHERE STORAGE ctn tray pack WA Red Delicious WAExFcy 56s & 72s 14.00 80s 12.00-13.00 88s 14.00 one lot 15.00 100s 12.00-14.00 mos 13.00 preferred labels 56-100s 16.50 113s 16.00 USExFcy 56s & 72s 11.50 80s 11.50-12.00 88-138s 11.50 Golden Delicious WAExFcy 80-88s 23.00 100s 21.00 125s 16.00 USExFcy 88s 17.00-20.00 100s 17.00-18.50 113s 17.50 NY Red Delicious USExFcy 88-100s 11.00 113-125s 10.50-11.00 Ctn cell pack WA WAExFcy Golden Delicious 80s 22.00-24.00 96s 23.00-25.00 ME USFcy McIntosh 80s 16.00 96s 17.00 120s 16.00 Ctn 12-3 lb film bags 2-1/4" min NY USFcy Red Delicious 12.00 Golden Delicious 13.00 ME USFcy McIntosh 10.50 PA USFcy Red Delicious fair cond 7.00 NEW CROP ctn tray pack CHILE Granny Smith 100s 18.00 CANADA B.C. Golden Delicious USExFcy 88s 19.00 ARGENTINA Granny Smith 100s 16.00.

APRICOTS LOWER CA 24-lb lug & ctn Castlebrite extra exjbo 16 00-17.00 one lot 18.50 exjbo 14.00-16.00 few 16.50 fair cond 10.00 jbo 10.00-13.00 few 15.00 exlge 8.00-9.50 one lot 12.50 lge 7.00-8.00 Improved Flaming Gold exjbo 14.00 fair cond 10.00 jbo 10.00-12.00 exlge 8.00-9.00 lge 7.00-8.00 Katy exjbo 15.00.

BANANAS Imports ctn approximately 40-lb 14.00 fair qual 12.00 film wrpd 14.50 Institutional pack Petite 150s 11.50.

BLUEBERRIES SUPPLIES LIGHT NC flats 12-1 pt trays film overwrpd trays med 15.00-18.00.

CHERRIES LOWER CA 18-lb ctn & lugs Bing incl via air 11 row size 32.00 11-1/2 row size 29.00-30.00 fair cond 24.00-25.00 12 row size & lgr 25.00-28.00.

COCONUTS DOMINICAN REPUBLIC sacks 40s few 14.00.

GRAPES-TABLE ABOUT STEADY CA 22-lb lug Perlette 17.00-19.00 few 20.00 some 16.00 Flame Seedless 16.00-18.00 few 15.00 Beauty Seedless 25.00-27.00 MEXICO 22-lb lug Perlette 16.00-19.00 few 20.00 few 15.00 Flame Seedless 16.00-18.00 CHILE 18-lb lug wrpd Emperor fair cond 7.00-8.00 Ribier fair cond 10.00-11.00.

PEACHES LOWER 3/4 buctn various yellow flesh varieties unless otherwise stated SC US Extra # 1 2-1/4-2 1/2" one label 12.00-14.00 GA no grade mark 2-1/2" & up 7 00-10.00 fair qual low as 8.00 2-1/4" & up 6.00-9.00 mos 6.00-8.00 some 10.00 fair cond 4.00-5.00 2-1/8" & up 5.00-6 00 2" & up 4.00 CA 25-lb carton 64 size one lot 10.00 70 size few 16.00 80 size few 14.00 2-layer ctn 48-50s 16.00 few high as 18.00 56s 14.00-15.00 72s fair cond 7-7.50 80s 8.00 fair cond 5.00-6.00.

PEARS STEADY WA 4/5 buctn wrpd Controlled Atmosphere Storage D'Anjou US#1 90s 26.00 100s 24.00-25 00 110s 23.00 120s 21.00-22.00 135s 21.00 OR 4/5 buctn wrpd Controlled Atmosphere Storage D'Anjou ORFcy 90s 25.00 100s 21.00 110-120s 20.00 ARGENTINA 19-kilo crt Packham Triumph 90s 25.00 100s 23.00 110s 22.00-23 00 120s 18.50 D'Anjou 110s 23.00.

PINEAPPLES HAWAII ctn 1-lyr via air 6s 12 00.

PLUMS SLIGHTLY LOWER CA 28-lb ctn & lug Red Beaut 3x4 size 24.00 3x4x4 size 21.00 few hgr 4x4 size 17.00-19.00 few hgr one lot 14.00-15.00 3x4x5 size 11.00-14.50 occ hgr few 10.00 4x5 size 10.00-13.00 few 15.00 Durado 4x4 size 18.00 3x4x5 size 10.00-11.00 4x5 size 10.00 few hgr Ambra 4x4 size 17.00 Blackamber 3x4 size 25.00 4x4 size 23.00 3x4x5 size 21.00 4x5 size 18.50.

RASPBERRIES NO SALES REPORTED.

STRAWBERRIES HIGHER CA flats 12-1 pt trays med 11.00-12.00 fair cond 6.00-7.00 sml-med 8.00 NJ ctns 8-1 qt bkts med very few 9.00-11.00.

WATERMELONS LOWER Average weight per melon FL Jubilee 36-1/2 lb 6.00 few 6.50 30-lb 5.00 few 5.50 28-lb 3.00 21-lb 2.25 Crimson Sweet 29-lb one lot 3-3.25 28-lb 4.00 few 4.50 25-lb 3-3.50 23-lb 2.75 20-lb 2-2.50 few 3.00 ctn per lb FL Jubilee 3s 20 cents Seedless variety 4s 30 cents 5s 20 cents.

Carlisle Livestock Market

Carlisle, Pa.

Tuesday, May 30, 1989

CATTLE: STEERS GOOD TO LOW CHOICE 69.00-72.50; MEDIUM 65.00-68.25.

HOLSTEINS: MEDIUM TO GOOD 55.00-62.00.

HEIFERS: MEDIUM TO GOOD HOLSTEINS TO 57.50.

COWS: ACTIVE! EARLYBIRD PENS 3.00-4.00 HIGHER. HIGH YIELD 53.00-53.75; GOOD 49.00-52.75; MEDIUM 47.00-50.00; BIG MIDDLE 44.25-48.75; SHELLY 44.00 AND DOWN.

FAT BULLS: MEDIUM TO GOOD 51.25-59.50.

FEEDER CATTLE: GOOD DEMAND!

HEIFERS: GOOD 75.00-78.00; MEDIUM 67.00-74.00.

BULLS: (ALL WEIGHTS) MOSTLY 600-800 LBS. OFFERED. CHOICE 71.00-79.00; GOOD 64.00-69.00; MEDIUM 55.00-62.00.

VEAL CALVES: STRONG DEMAND!

CHOICE 102.00-119.00; GOOD 95.00-101.00; MEDIUM 89.00-94.00; LIGHT/WEAK 88.00 AND DOWN; FARM BULLS 140 00-189.00.

HOGS: BARROWS AND GILTS 1.00 LOWER. US#1-3 210-160 LBS. 46.00-47.00; OVER 270 LBS. 45.00-46.25; UNDER 200 LBS. 31.50-35.00.

SOWS: 1.00 HIGHER, SPOTS 2.00 HIGHER. OVER 450 LBS. 33.25-34.00; UNDER 450 33.00-36.00; 2 AND 3 26.25-32.50.

BOARS: HEAVY 29.25-31.00.

FEEDER PIGS: BY THE HEAD, 15-20 LBS. 15.00-16.00; 25-50 LBS. 21.00-27.00.

SHEEP: (ALL WEIGHTS) CHOICE 100.00-120.00; GOOD 80.00-97.00; MEDIUM 78.00 AND DOWN.

EWES: 23.00-29.00.

GOATS: LARGE 58.00-69.00; SMALL/MEDIUM 18.00-55.00.

NOTE: SALE VERY TUES. EVE, 5:30 P.M. RABBITS, POULTRY AND EGGS; 7 P.M. LIVESTOCK. NEXT STATE GRADED PIG SALE FRI., JUNE 9, 1:30 P.M.

BINKLEY & HURST BROS. INC.

133 Rothsville Station Rd. • Lititz, PA 17543
Phone 717-626-4705

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Mon.-Fri. - 7 AM - 5 PM
Sat. - 7 AM - 11:30 AM
Sun. Closed - Lord's Day

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"BETTER-BILT"
HUSKY
And Much More!

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Your Parts Are Just A Phone Call Away!

Simplicity

$250.00 REBATE!

MODEL 4212H

* TAKE $100.00 BILL ALONG HOME AT TIME OF SALE PLUS $150.00 CHECK FROM SIMPLICITY. Hurry - Offer ends 6/17/89 and is good only on existing stock while supply lasts.

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List Price $2785.00
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Sale Ends 5-15-89
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Make fun of lawn mowing chores and get the steal of a lifetime with this rugged Simplicity Lawn Tractor.
- 36" Cut, Axle Mounted, Free Floating Mower
- Convenient Key Electric Start!
- Headlights
- Adjustable, Spring Mounted Seat

Come on in and let us tell you about the many other owner-pleasing features that make this tractor our most popular model!

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12 Doz or more $11.65

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Located Just West Of Ephrata South Of Rt. 322

Oklahoma City Feed Cattle Weekly

Wed., May 31, 1989

COMPARED WITH LAST WEEK'S CLOSE--FEEDER STEERS AND HEIFERS OVER 500 LB. WEAK TO $2.00 LOWER; LIMITED TEST ON WEIGHTS UNDER 500 LB. STEADY. FEEDER DEMAND MODERATE. SHARP DOWNTURN IN THE FED STEER AND HEIFER TRADE CREATED A BEARISH ATTITUDE IN FEEDER BUYER RANKS. SUPPLY OF FEEDERS OFFERED HERE IN CENTRAL OKLA DURING MAY SHARPLY BELOW LAST YEARS COUNT. LIVESTOCK MOVEMENT OCCURRED EARLIER THAN NORMAL THIS YEAR DUE TO THE GOVERNMENT SET-ASIDE PROGRAM, WEATHER PATTERN AND AVAILABILITY OF FORAGE, AND THE PRICE OF WHEAT. SLAUGHTER COWS STEADY TO WEAK. SLAUGHTER BULLS STEADY. COW AND BULL DEMAND GOOD; SUPPLY LIGHT. RECEIPTS THIS HOLIDAY SHORTENED WEEK 5,200; LAST WEEK 13,059; LAST YEAR 10,687. RUN INCLUDED 85% YEARLING FEEDER CATTLE; FEEDER CALVES 9%; COWS AND BULLS 6%.

FEEDER STEERS: MEDIUM AND LARGE FRAME 1, 275 LB. $117.00; 325-400 LB. $107.50-$114.00; 400-500 LB. $95.25-$105.00; 500-600 LB. $83.25-$93.50; 600-650 LB. $78.25-$83.00; 650-700 LB. $77.00-$81.00; 700-750 LB. $76.00-$78.50; 750-800 LB. $74.00-$76.50; 800-850 LB. $72.50-$76.50; 850-900 LB. $70.50-$74.25; 900-1000 LB. $67.25-$72.25. HOLSTEINS: LARGE FRAME 2, 550-625 LB. $72.00-$75.75; 650-750 LB. $64.50- $66.50.

FEEDER HEIFERS: MEDIUM AND LARGE FRAME 1, 300-400 LB. $92.50-$95.50; 400-500 LB. $84.00-$88.00; 500-550 LB. $78.00-$84.00; 550-600 LB. $74.00-$82.00; 600-700 LB. $72.50-$74.50; 700-800 LB. $70.50-$73.00; 800-900 LB. $65.00-$70.50.

SLAUGHTER COWS: BREAKING UTILITY FEW COMMERCIAL 3-4, $45.00-$49.00, HIGH DRESSING $48.75-$51.25. CUTTER AND BONING UTILITY 1-2, $47.00-$51.00, HIGH-DRESSING $50.00-$55.00. CANNER AND LOW-DRESSING CUTTER $42.75-$47.00.

SLAUGHTER BULLS: Y.G. 1, 1300-2050 LB. HIGH BONING $63.25-$66.25, HIGH DRESSING $63.00-$64.75, AVERAGE DRESSING $58.00-$60.00.

Central U.S. Carlot

Pork Report

May 31, 1989

Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3:00 PM.

COMPARED WEDNESDAY'S 3:00 PM CLOSE: FRESH PORK LOINS 14-18# AND BOSTON BUTTS UNEVEN, GENERALLY STEADY TO WEAK; SKD HAMS UNEVEN, 17-20# 1.50 LOWER, 20-26# STEADY TO FIRM; SDLS BELLIES 12-16# 1.00-3.00 LOWER, 16-18# STEADY TO FIRM. TRADING MODERATE FOR LIGHT TO MODERATE DEMAND AND OFFERINGS.

LOADS PORK CUTS 47.0.

LOADS TRIM/PROCESS PORK 17.5.

PORK CUTS

LOINS, REGULAR, FRESH

14-18# * 14.5 LDS. RANGE 102.00-105.00, WGHTD AV 103.55.

¼" TRIM 14-18# 14.5 LDS. RANGE 116.50-122.00, WGHTD AV 119.02.

18-22# * RANGE 104.00-105.50; WGHTD AV 104.75 A.

¼" TRIM 18-22# RANGE 119.00-120.50, WGHTD AV 119.75 A.

COMBO'S 22/UP# RANGE 86.00, WGHTD AV 86.00 A.

LOIN, BNLS, 5-7# 1 LD. RANGE 246.00-248.00, WGHTD AV 247.00.

BNLS SIRLOIN .75-1# .5 LD. RANGE 167.00, WGHTD AV 167.00.

TENDERLOIN 2/BAG 1.5 LDS. RANGE 293.00-334.00, WGHTD AV 308.67.

PICNIC COMBO 4-8# RANGE 42.00, WGHTD AV 42.00 A.

COMBO'S 8/UP# RANGE 43.00-44.00, WGHTD AV 43.50 D.

BOSTON BUTT 4-8# * 2 LDS. RANGE 84.00-86.00, WGHTD AV 85.25.

¼" TRIM 4-8# 2 LDS. RANGE 98.50-103.00, WGHTD AV 101.13.

COMBO'S 8/UP# RANGE 72.00, WGHTD AV 72.00 E.

SPARERIB, FRESH

1.5-3.5# .5 LD. RANGE 121.00, WGHTD AV 121.00.

3.5-5.5# .5 LD. RANGE 97.00, WGHTD AV 97.00.

SPARERIB, FROZEN

1.5-3.5# RANGE 109.00, WGHTD AV 109.00 B.

3.5-5.5# RANGE 98.00, WGHTD AV 98.00 A.

LOIN BACKRIB (BOXED) FROZEN

1.5/DN# RANGE 200.00, WGHTD AV 200.00 C.

1.75/DN# RANGE 195.00, WGHTD AV 195.00 C.

1.75-2.25# RANGE 190.00, WGHTD AV 190.00 C.

HAM, SKINNED, FRESH

17-20# 9 LDS. RANGE 63.50-64.50, WGHTD AV 64.17.

20-26# 1 LD. RANGE 65.00, WGHTD AV 65.00.

26-32# RANGE 55.00, WGHTD AV 55.00 A.

32/UP# 4 LDS. RANGE 51.00-52.00, WGHTD AV 51.75.

HAM, SKINNED, FROZEN

14-17# RANGE 69.00 TIS, WGHTD AV 69.00 B.

BELLY, SDLS, SKIN-ON, FRESH

10-12# RANGE 28.00, WGHTD AV 28.00 A.

12-14# 7 LDS. RANGE 28.50-30.00, WGHTD AV 28.93.

14-16# 4 LDS. RANGE 28.50-30.00, WGHTD AV 29.06.

16-18# 1 LD. RANGE 29.00, WGHTD AV 29.00.

18-20# .5 LD. RANGE 27.50, WGHTD AV 27.50.

20-25# RANGE 26.00, WGHTD AV 26.00 A.

PORK TRIMMINGS/ BONELESS PROCESSING PORK (CHEMICAL LEAN)

COMBO 42% FRESH 2 LDS. RANGE 35.50-36.00, WGHTD AV 35.75.

COMBO 72% FRESH 7.5 LDS. RANGE 66.00-68.00, WGHTD AV 66.53.

BOXED 72% FROZEN 4 LDS. RANGE 68.00, WGHTD AV 68.00.

BONELESS PICNIC MEAT

COMBO 72% FRESH 2 LDS. RANGE 67.75, WGHTD AV 67.75.

BOXED 72% FROZEN RANGE 67.00-69.00, WGHTD AV 68.00 C.

SKINNED JOWLS

COMBO FRESH 2 LDS. RANGE 33.00, WGHTD AV 33.00.

BOXED FROZEN RANGE 27.50-29.00, WGHTD AV 28.25 C.

NOTE! (*) REFLECTS ¼" TRIMMED PRODUCT BROUGHT BACK TO A REGULAR COMMODITY BASIS.

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST.

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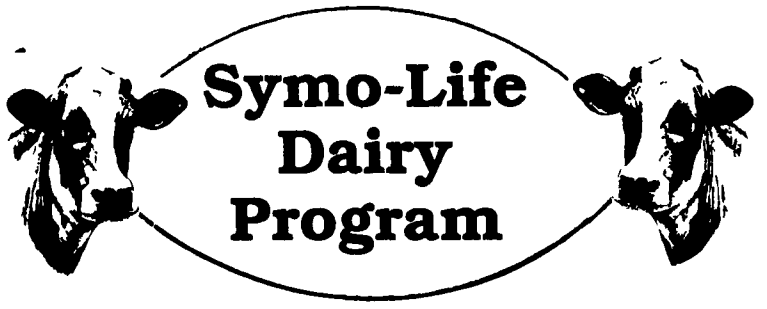

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Spinning Wheel Farm

(Continued from Page A1)

consumers is better taste and a longer shelf life.

"We (dairy farmers) send out of our farms a good, quality product and it's up to restaurants and handlers to make sure they keep it that way," says Ralph.

Each year the Robertsons host hundreds of school children to show them life on a farm and how milk is produced.

"It's up to us, (dairy farmers) to spread the word. We've got to tell kids we've got a quality product. I tell them when they go into a restaurant and they order milk and the milk comes out and it's not cold, to send it back and demand a good, cold glass of milk," said Ralph.

Quality is number here. The Robertsons do not have a dazzling new milking parlor. Nor do they have the latest in pipeline and milking equipment. And the barn is far from ideal for dairy cows.

A creek lies a few hundred feet from the barn and the low ground collects water making the path to the pasture sometimes sloppy and muddy. An excellent environment for breeding mastitis. The free stall barn built in 1977 is designed for 60 cows, but is constantly filled to over capacity with 75 to 80 cows at one time. And Ralph, Debbie, Melvin Arrington, the fulltime person, or Judy Owings the morning and weekend milker, may do the milking.

Production is near 18,000 pounds of milk and 627 pounds of butterfat. Quality is first here. Income over costs is first, too. A healthy herd is a low-cost herd. Time is also a consideration.

"We want the most amount of milk for the least amount of money and that may not be at 21,000 pounds. 21,000 pounds may take heavy duty management and that would take time away from my family. I like our outside activities with farm bureau, church, ag preservation. And we have a nine-year-old daughter, Katie. We want to spend time with her, too." said Ralph.

"The cows work for us. We don't work for them, but we've got to take good care of them so they continue to work for us," said Debbie.

Atlantic Dairy Cooperative pays 20 cents per hundredweight for the top quality premium. That's a bonus. The real pay-off is increased production and lower health related costs. But putting quality number one means they do things a little differently at Spinning Wheel Farm.

Although any one of the Spinning Wheel Farm crew may greet cows in the parlor for milking, milking procedures do not change.

"We don't take shortcuts. We don't push the cows here. That's very important. If it takes an extra 20 minutes to milk, that's okay," said Debbie. Everything has to flow smoothly."

Be it Ralph, Debbie, Melvin, or Judy milking, there are no surprises in the parlor with for the cows or the person doing the milking. Robertsons' cows must walk up 19 narrow steps from the holding area to the parlor twice a day. Only a secure relationship with the milking crew can entice a dairy cow to make that trek.

Although the capacity of the free stall barn is 60 and it is usually houses 80, feeding six times a day keeps the cows up and moving so cows can share the stalls.

The Robertsons bed with straw and Ralph says they have not had a case of coli mastitis since they changed from sawdust seven years ago. Alleys are scraped twice a day, and freshens beds as needed.

"When its muddy we don't allow our cows to go out unless its good and solid. I'm convinced cows get mastitis from slopping through the mud," said Ralph. "The cleaner we keep them the better off they are."

In Ralph's barn, as well as some of the other dairy barns in the Wakefield Valley, there's something unusual under neath the straw bedding.

Asphalt.

No it's not the kind used on roads and highways. It is a special blend. This unordinary material provides a soft base which Ralph prefers to increase cow comfort.

"It seems to be something that people in this area do. We have an asphalt plant nearby so it makes it easier, but it's more economical, too. It's a special mix, very pourous. You can pour a bucket of water on there and in a few minutes its gone. So it keeps the cow dry," explained Ralph.

A monthly visit from the foot trimmer assures Ralph that all the cows' feet are in good shape. This is essential to cow comfort and health all year around.

"We do as much or more maintanance and preventative work here as anything else. We trim the feet when the cows go dry or are ready to go dry. We don't want to create any additional stress when they are milking than what they have to," said Ralph. "And we don't want any damage to the udder either."

The Robertsons milk a mix of registered and grade cows. The average age in the herd is just a little over four years. Ralph likes to keep young herd because his cows spend a lot of time standing on concrete and an older cow may not have the ability to negotiate the 19-step trip to the parlor. A younger herd, he feels, is a bit more aggressive.

"Also, if a cow gets a high mastitis count, it is just not economically feasible to keep her," says Ralph. "I've got to turn her over quickly."

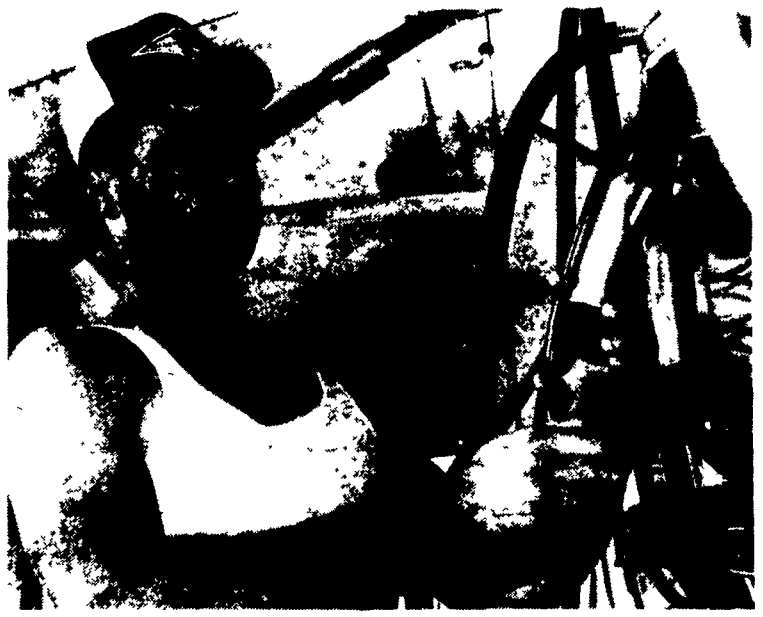
Ralph hasn't used mastistis tube treatment in years except for dry treatment of cows. He relies totally on I.V. treatment which he administers.

"We don't have a lot of help here, but the help we have here is good. Melvin or Judy can do the milking by themselves. I have no worries about them. They are very good. If we are out baling straw or hay, Judy just comes in and takes right over. Debbie also milks when the need arises," said Ralph.

Anyone of them can do the milking because red and yellow leg bands, chalk markings on the cows and notes on the bulletin board in the parlor, tells the next milker what to do and which cow to watch, treat or to cut back on feed.

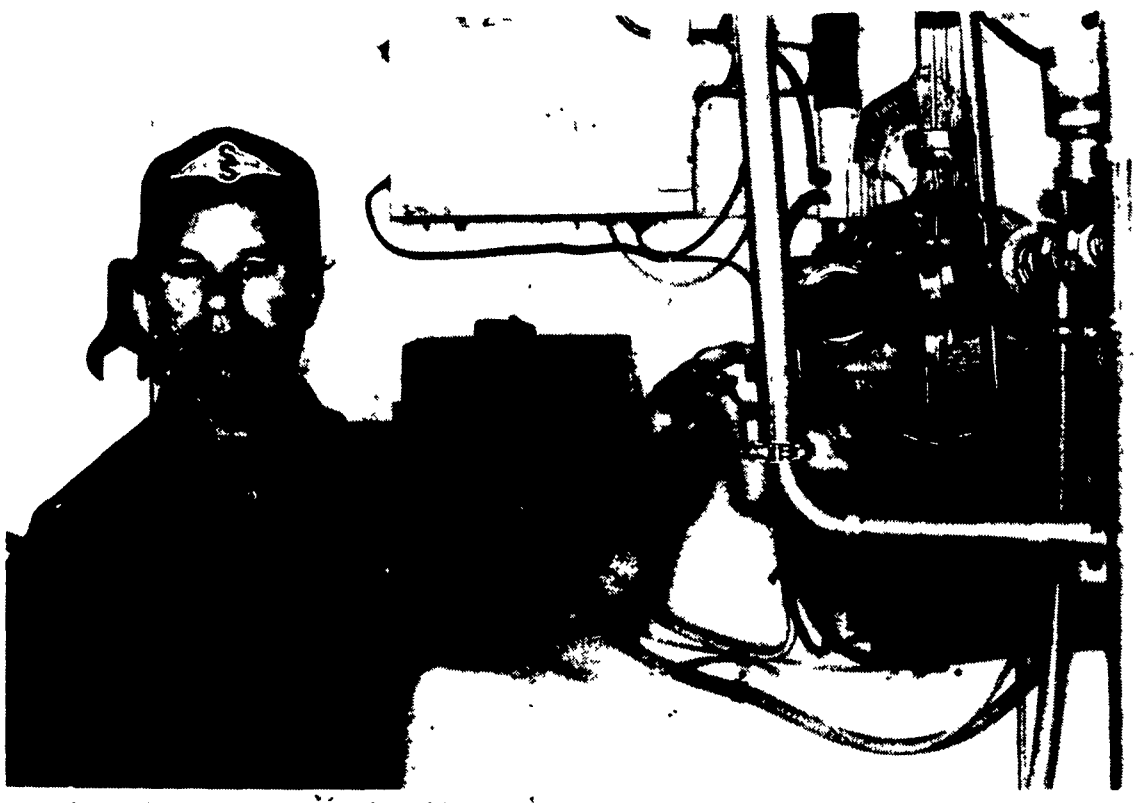
"I know you're not supposed to, but we use a lot of water here to wash dirt off the cows. We use a hose with a solution of iodine water. But we use one to ten towels to dry those teats and udder off completely," said Ralph. "It must

(Turn to Page A22)



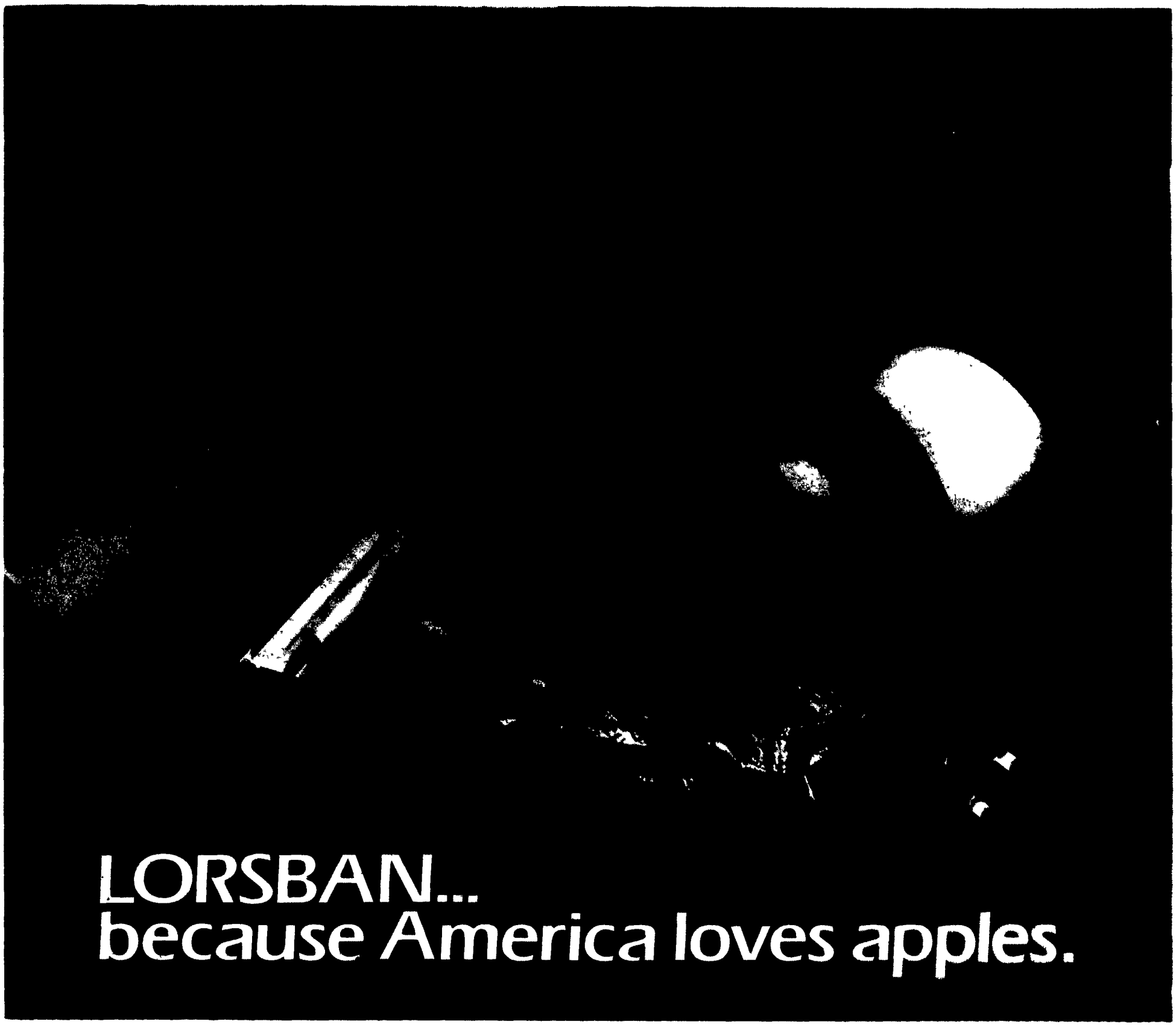
In field work, Melvin Arrington, is hard to keep up with, according to Ralph, but Melvin is invaluable in the parlor, too. Melvin keeps a close watch on equipment, cows and on the mailbox for their quality 'report card' every month.

Anyone of the Spinning Wheel Farm milking crew can milk alone. Cows being treated and needing treatment get both red leg bands and red chalk markings — double insurance that the next person milking will know which cows to watch. A bulletin board in the parlor holds notes for next milking. Pictured are: Judy Owings, Ralph Robertson and Melvin Arrington, and Debbie Robertson (not pictured) earned their quality premium for 12 consecutive months in 1988.



It may be a mix-and-match milking system, but one thing Ralph Robertson is firm on is "shine". He buys the lowest-priced soaps and detergents, but adheres to dealer's recommendations. If the product fails, Ralph demands immediate response from his supplier or the product goes. However, price is no object when he buys a sanitizer.

The Spinning Wheel Farm has been in the Robertsons' family for three generations. Ralph Robertson currently chairs the Carroll County Ag Land Preservation Committee to assure that not only his farm, but others like his will remain in agricultural use for years to come.



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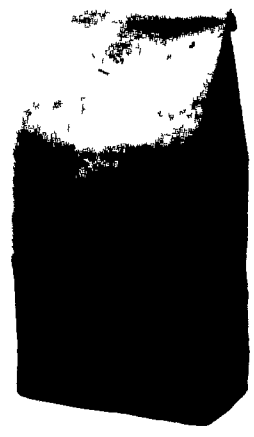

DOW

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Spinning Wheel Farm

(Continued from Page A20)

be absolutely dry. We've been doing that now for nearly 5 years."

Milkers are put on immediately. There's no pre-dipping, no stripping, unless there appears to be a problem. The person milking watches the milkers closely because there are no automatic take-offs in the Robertsons parlor.

"When we are in the milking parlor we are in their to milk and that's what we concentrate on. We know when the cow is milked out. At this point I do not have any inclination to go to an automatic take off, said Ralph.

Hot quarters get immediate attention. The cow is put into the head gate and I.V. is started with dextrose and calcium to give her a boost in energy.

"We test all our own milk before cows go back in the test line. It is not as important for us to get the cow back into the milking herd as it is to get the cow healthy first. That's our first goal. When she's ready, she goes back into the herd," said Ralph.

Ralph sprays teats with a one percent iodine solution after milking.

"If I go away from that iodine solution, I have a problem," said Ralph. "It's got to be sprayed on. Those darn cups get dirty no matter how hard you try and you end up spreading infection from one cow to the next."

Wash water is kept at 160 degrees or above. Ralph makes sure the right solution is used for each clean-up job.

"I buy soaps and detergents as cheap as we can get them, but I go by the recommended usage. If I don't get the right results I call the representative. If I don't get immediate response, I don't need that product anymore," said Ralph.

Ralph lists his top five do's to get that quality premium:

—Equipment checked frequently.

—Clean cows.

—Proper milking preparation.

—Train the people doing the milking.

—Keep all cows healthy.

Ralph is quick to add that there is a lot Melvin and Judy have taught him.

"It's important to not think that your way is the only way. They know I want things done right and if they see something we could be doing better, they tell me," said Ralph.

Judy and Melvin await the quality 'report card' from Atlantic Dairy Cooperative as eagerly as Ralph and Debbie do.

Ralph emphasizes that all procedures must be done correctly, not just one or two. But there is one very important part to the Robertsons' system.

"We've got good help," said Ralph "or we wouldn't be able to do what we do now."

Melvin (left) and Ralph (right) check the statistics book which Melvin started four years ago when he joined Spinning Wheel Farm full time. Treatment, heat, breeding, and observations are record in the book for quick referral.

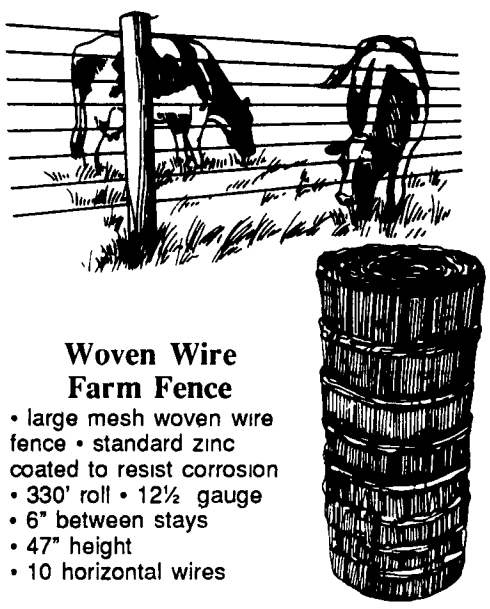
Maryland Soil Supervisors

ANNAPOLIS, MD. — At its April meeting, the State Soil Conservation Committee (SSCC) appointed Gilbert O. Bowling, Jr. from Charlotte Hall and I. Winterson Prout of Lothian to serve on the Charles and Anne Arundel Soil Conservation District Supervisor Boards, respectively.

Dr. Dennis Murphy, Cooperative Extension Service, University of Maryland, Eastern Shore, presented information related to the composting of dead poultry carcasses during the State Committee meeting held in Princess Anne. This method of dead bird disposal is being tested on several farms in Somerset County. Murphy noted that it was safe and produced a useful fertilizer or soil amendment as an end product.

During the tour that followed the meeting, State Committee members visited a farm where a dead bird composting system was being utilized. The farmer explained that by layering the chickens with manure and straw the mixture "cooked" and decomposed into fertilizer.

Fencing Supply Headquarters



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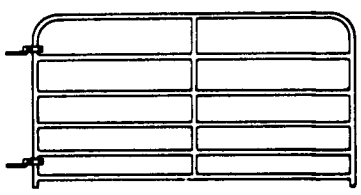

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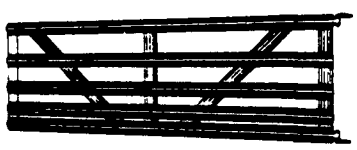

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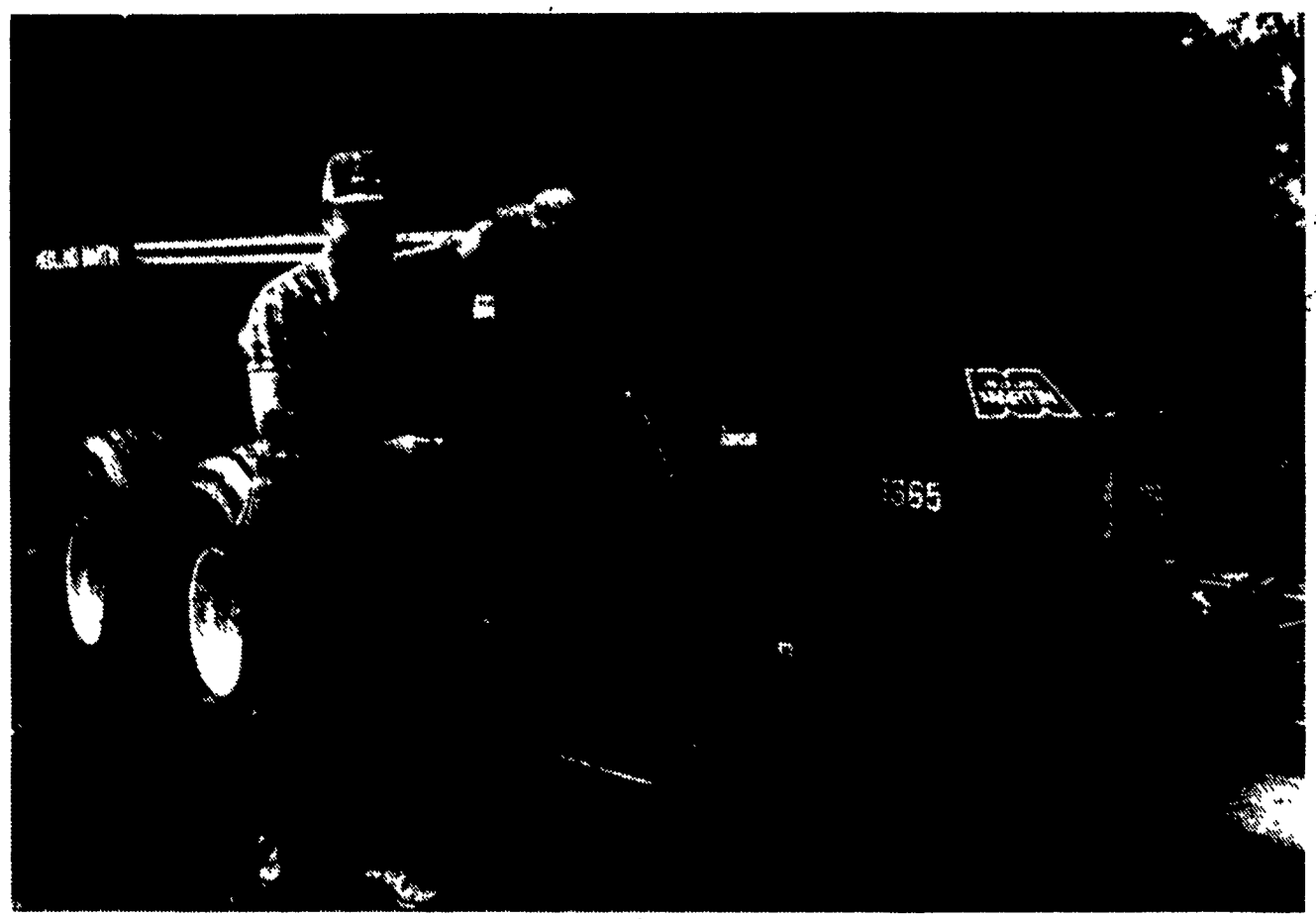

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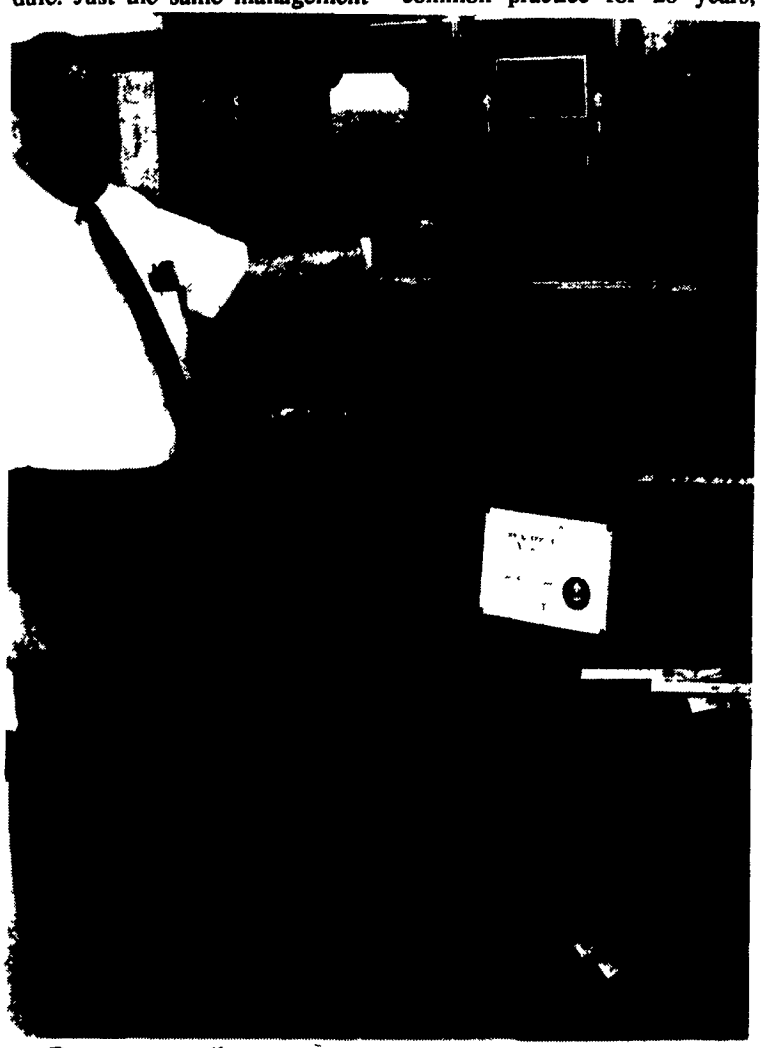
Hershey School Farms

(Continued from Page A1)

came from a 9½ -acre plot, but "I don't treat my field any differently than I do any other alfalfa field," stated Dugan.

No extra fertilizer, no special pesticides, no special harvest schedule. Just the same management practices used for the school's entire alfalfa program. Of course, it did help that the entry was grown in limestone-based soil: it's a Hagerstown silt loam.



Dugan proudly shows off the many awards that the school has won for its alfalfa production. Included in the winnings are second-place state wins in 1980 and 1983 and a first-place state award for 1988.

The alfalfa program

Alfalfa is seeded in the fall, a common practice for 20 years, which allows the first harvest to be taken the following spring. Fall planting also is advantageous as alfalfa follows either barley or wheat, which is harvested by July 15 leaving workers a month in which to ready the fields.

Each field is tested after the small grain comes off and lime is applied as needed to attain a 6.8 to 7.4 pH. The fields are moldboard plowed to a depth of nine to 11 inches followed by disking and "harvesting" stones.

"Being in a limestone area, the number and sizes of stones seem to increase each time the field is plowed," joked Dugan. "After picking up stones, the field is disked and cultimulched. We have more time to do this important job during July and August than we would have in the early spring."

Fertilizer is applied prior to seeding. "We use fertilizer impregnated with Eptam," explained Dugan. "It's easier to work with in that form. Unless it is impregnated (in the fertilizer), Eptam must be worked in with in half an hour, which usually means a person has to follow the sprayer. You have four to six hours to work it in with it impregnated into the fertilizer."

The fertilizer rate depends on the soil test results. Dugan uses the ratios recommended by the alfalfa growers' program. Last year his entry field received 20-40-40 with Eptam for weed control. The fertilizer is put on in a split application of two-way crossing of the field to ensure more uniform coverage. Lastly, the field is cultimuched at a 2-inch setting to incorporate the Eptam and fertilizer before planting.

The field is seeded as soon as possible after incorporation; Dugan likes to see it planted within two hours. Alfalfa is band seeded with a grain drill equipped with a rear-mounted seed box and press wheels. Dugan used WL 316 on his winning field.

Al Dugan, director of research at Milton Hershey School Farms, discusses his alfalfa-growing program.

First cutting

The first cutting is taken in the early bud stage. The first cutting is used for haylage to be fed to the school's 1,300 cows, heifers, and dairy beef cattle. Four to five cuttings are harvested each season on a 32-35 day schedule.

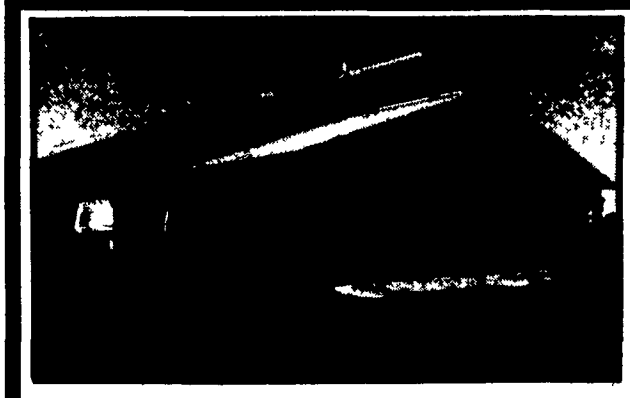
After first cutting the stand receives additional fertilizer. "I've been doing experimenting on fertilizing after first cutting and have found it does pay," said Dugan. "This past summer it really paid with the drought."

Last year the entry field received 0-30-210 plus Boran. Fields also are fertilized in the fall. "It takes quite a bit of fertilizer to grow (the alfalfa) until May." All fields receive 0-75-200 with Velpar and Boran in November.

The alfalfa stands, which have a life of 3-4 years, are baled for hay after the first cutting, although some of the last cutting may be used to top off silos. "We use a round bale system and bag it primarily as a means of getting hay in during the late summer when the weather starts getting damper and we need to get it in wet," Dugan commented. "We can bale it wetter, at 30 to 35 percent moisture, this way because, although it won't dry, it won't spoil due to the

(Turn to Page A24)

WOOD AND STEEL BUILDINGS



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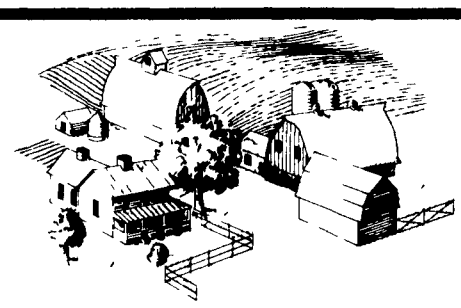

FARM MANAGEMENT

By Patricia Powley

"Landing a Job: Strategies for Farm Wives"

Because of the instability of the agricultural economy, many rural homemakers are looking for work outside the home for the first time in years -- maybe ever.

If you're one of these women, resist the urge to say to yourself, "But who would hire me? I've just been a farm wife." Instead, take another look at what being a farm wife means, and translate that into job skills.

As a farm wife, you do many things well. You handle phone calls and get messages to the right people. You may be the purchasing agent in charge of ordering before the feeders and fuel tanks run empty.

You can run a financial statement on your home computer. You are head bookkeeper, and in charge of cost control. Your loyalty and helpfulness are beyond measure. You may be in the middle of preparing a meal when your husband comes in and says, "Honey, run to town and pick up two new hydraulic hoses. The loader just broke down!" You drop everything, run to town, deliver the hoses to your husband, and probably still get a good meal on the table.

You can operate machinery on the farm, and keep a household appliance running long after its normal life. You have a common sense about you that can't be taught.

Thinking through your experiences as a farm wife can help you begin a job search with confidence. Maturity and life experiences are pluses many employers are looking for.

During the up-coming months when I have an article in this farm management column, I will be addressing how you can analyze your job skills, prepare a resume, write a cover letter, and present yourself professionally during a job interview.

"Before You Start the Job Search"

Before you begin the actual job hunt, write down your feelings about skills you like and dislike, and knowledge that may make a difference in the kind of jobs you look for.

For example, you may want to start with the following:

"I like" or "I dislike"
--working with children
--working alone
--working with the public
--communicating via telephone
--creating artistic projects
--doing repetitious work
--helping others.

This list of likes and dislikes is for your use only, not to share with an employer. It can clarify what kinds of jobs you should try for.

It might also be helpful to write down the experiences you have had as a rural homemaker. Mention skills and experiences you have had managing the farm. These can translate into marketable skills.

If you have been the bookkeeper in your farm business or have managed the household budget, you have skills needed in a variety of businesses. If you have purchased insurance for the home and farm, you have awareness about insurance policies which many people don't have.

These experiences are important in all areas of farm and home management. You have used management skills daily. You budget time and money, work with all kinds of people, and delegate responsibilities to keep things running

"Personal Characteristics"

In addition to specific skills as a farm wife, you have personal characteristics that are valuable to an employer. As you read through the following list, identify characteristics that you have. These can be referred to in your resume, as well as in a job interview.

* "Ability to communicate" -- organize thoughts and ideas effectively, express them clearly in speaking and writing.
*"Intelligence" -- understand job assignment, learn details of operation, contribute new and original ideas.
*"Self-confidence" -- have a sense of maturity and direction, deal positively and effectively with situations and people.
*"Willingness to accept responsibility" -- recognize what needs to be done and do it.
*"Initiative" -- identify purposeful work and take action.
*"Leadership" -- guide and direct others to obtain objectives.
*"Energy level" -- demonstrate forcefulness and capacity to move things ahead.
*"Imagination" -- confront and deal with problems that may not have standard solutions.
*"Flexibility" -- adapt to change and incorporate new ideas.
*"Interpersonal skills" -- bring out best efforts of individuals.
*"Self-knowledge" -- assess realistically own capabilities, recognize strengths and weaknesses.
*"Ability to handle conflict" -- function well under stress.

Don't be afraid to refer to the skills listed here. If your potential employer doesn't know your skills, you may miss a good job opportunity.

It is important to "sell" yourself to potential employers.

Lancaster County Swine Club To Meet

The Lancaster County 4-H Swine Club will meet on June 8 at 6:30 p.m. for a recreational night. The meeting will feature an ice cream social at Chiques Church Pavilion. For more information, contact Karen Becker at 665-7283.

Hershey School Farms

(Continued from Page A23)

heavy plastic."

Dugan doesn't give his stands a rest period in late summer to store up energy. "I've found it's not necessary, and universities are finding the same thing. If you keep your fertilizer rates up, you don't have to worry about a rest period. The only rest period I give is the days between cuttings."

Pest management

Pests are kept to minimum with Eptam, Boran, and Velpar and with rotation. "We run a pretty good rotation, so we're not planting the same things in the same fields all the time," said Dugan. "Our fields are in alfalfa for three to four years, corn for three years, small grains such as barley or wheat or soybeans for two years, and back to alfalfa."

This year is the last year for the Alfalfa Growers' Program, which is mostly an education program. Officials feel that Pennsylvania farmers have pretty well learned all of what they have to teach and new findings can be passed on by Extension agents.

Dugan and school officials are hoping to repeat last year's efforts. It will be the stand's second year. "In the second, third, and fourth years, yield will trail off a bit," reported Dugan. "But I hope it doesn't trail off very far this year!"

Alfalfa is first cut at early bud stage. Dugan checks this stand's maturity.

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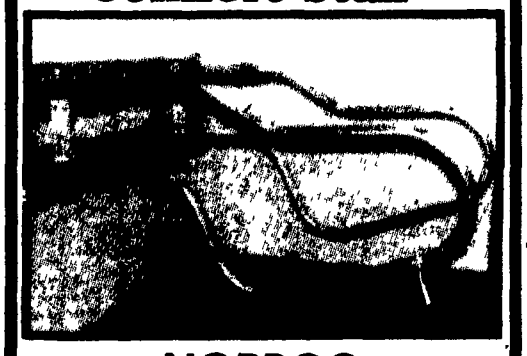

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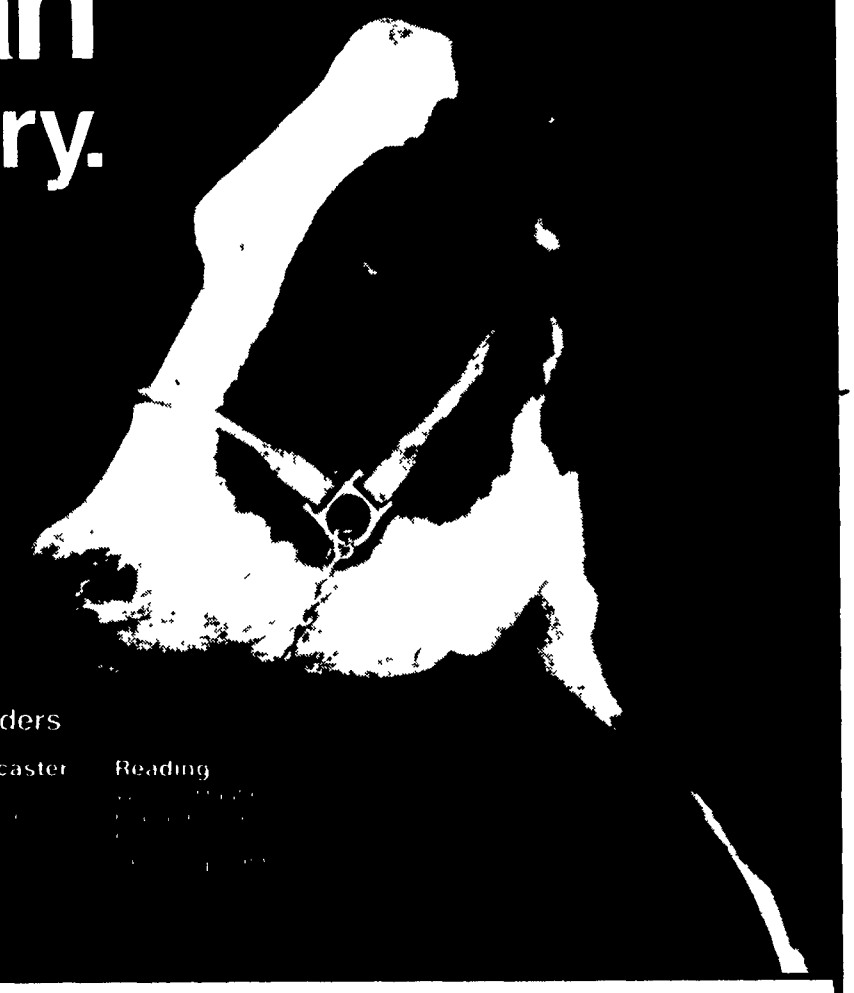

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Gov. Casey Signs Dairy Proclamation

HARRISBURG (Dauphin Co.) — Pennsylvania Governor Robert Casey was scheduled to sign a proclamation to honor June as Dairy Month yesterday morning in the Capital. Here is the text of that proclamation.

Historically, Pennsylvania's dairy industry has made vital contributions to our economic progress and to our health and vitality.

The dairy sector has a leading role in agriculture's dominant position as the Commonwealth's number one industry. Besides our 14,000 commercial dairy farmers, approximately 40,000 more Pennsylvanians are employed in the manufacture and processing of dairy products. Last year, the 720,000 dairy cows on our dairy farms produced a record 10.18 billion pounds of milk. This alone represents a $1.3 billion contribution to the economy. What's more, though production is up significantly, our dairy farmers have actually lowered production costs over the past five years, providing consumers an outstanding bargain.

Adding to the dollar value of the milk itself are the state's processing plants and manufacturers. Working with the dairy farmers, they have been instrumental in making Pennsylvania fifth in the nation in milk production and the manufacturer of ice milk and butter, and second nationally in ice cream, milk sherbet and total frozen dairy products.

Dairy foods provide our citizens with many of nature's most important nutrients, including calcium, protein and riboflavin.

In recognition of our great dairy industry, I, Robert P. Casey, Governor of the Commonwealth of Pennsylvania, do hereby proclaim June 1988, as DAIRY MONTH in Pennsylvania. I urge all citizens to enjoy our delicious dairy products and to appreciate the industry's contributions to the economy and our good health.

GIVEN under my hand and the Seal of the Governor, at the City of Harrisburg, this third day of June in the year of our Lord one thousand nine hundred and eighty-eight, and of the Commonwealth the two hundred and twelfth.

Robert P. Casey
Governor

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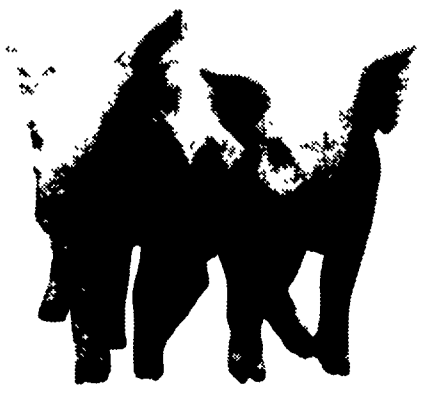

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Shifting Milk Production Presents Challenges In F.O. 4

BY KARL BERGER
Special Correspondent

FREDERICK, MD — People and cows don't mix. Not when the people are building houses where corn once grew.

Farmland has been giving way to subdivisions and shopping malls for years, a basic fact that underlies the shifting pattern of milk production in the Mid-Atlantic area. It is a trend that offers both challenges and opportunities for area dairymen.

Bob Dever, assistant general manager of Atlantic Dairy Cooperative, the area's largest milk marketing organization, noted one of these challenges in a speech at the cooperative's annual meeting last November.

"We continue to see the center of our milk supply move to the west as more and more farmers in New Jersey, the Eastern Shore of Maryland and in southeastern Pennsylvania experience and react to the pressure of development."

However, Dever added, most of the plants to which the cooperative markets milk remain on the outskirts of Philadelphia. "The reality of farmers moving west and milk processors staying east will result in extra transportation expenses."

Distributing the burden of these extra charges equitably is one of Atlantic's bigger challenges, Dever said in a recent interview. The cooperative's staff currently is studying the distribution of hauling costs for members located west of the Susquehanna River as the result of a resolution passed at last year's annual meeting.

These realities also afford some dairymen tremendous financial gains in a highly competitive industry. Dick Dennison, director of Farm Management Services for the Pennsylvania Farmers Association, noted that many of the dairymen who relocate their cows to greener pastures can pay off old debts or expand their operations with the proceeds from selling their land for development.

Milk production statistics confirm what common sense tells us -- namely, that dairy farms (and farms in general) have been slowly, steadily disappearing from the counties surrounding the area's major cities. In May 1977, for instance, 135 farmers in Bucks County, Pa., north of Philadelphia sold 7.2 million pounds of milk regulated under Federal Order 4. By May 1988, these numbers had shrunk to 60 farmers marketing 4.8 million pounds. Montgomery County, Bucks' neighbor to the west, has experienced a similar decline, according to statistics compiled by the Order 4 market administrator's office.

These Order 4 records are not comprehensive because they only keep track of milk regulated by the order. But in much of the Mid-Atlantic region, the marketing area administered by the order, they provide a reliable indicator of overall production trends, according to industry officials.

The other obvious trend confirmed by the statistics is that fewer farmers are producing more milk, so that a decline in the number of dairy farms does not necessarily mean less milk for the market. That has been the case in Chester County, Pa., southwest of Philadelphia. Over the past 11 years there, the number of Order 4 producers fell from 370 to 306 while milk output climbed one percent. Eventually, projections call for production to decline as dairy farmers there continue to sell out.

That has already happened in much of the traditional milkshed for the Baltimore and Washington markets, according to cooperative officials.

"Montgomery and Frederick counties of Maryland and Loudoun, Fairfax and Prince William counties of Virginia were the traditional supply areas for Maryland and Virginia (Cooperative Milk Producers Association) a number of years ago. That's where the milk came from," said Frank Johns, the assistant manager of the 1,300-member cooperative.

Today, he added, only one producer is left in Fairfax County and only a handful in Prince William. Farm numbers and now production are shrinking as well in the other counties, including Frederick, the traditional heart of Maryland's dairy industry. Between 1977 and 1988, Frederick lost almost 40 percent of its Order 4 producers, although county-wide milk production has declined just three percent.

Boyd Cook, general manager of the Middle Atlantic Division of Dairymen Inc., which supplies the Baltimore market, told much the same story.

To meet their needs for milk, these cooperatives have added a lot of new members in south central Pennsylvania. Order 4 statistics confirm that counties such as Huntingdon, Juniata and Montour have gained dairy farmers in recent years.

In the last couple years, this procurement has shifted as far west as Somerset, Bedford and Blair counties in Pennsylvania and Garrett County, Md., Cook said. Dairymen in these areas traditionally have sold milk to dealers regulated by Federal Order 36, which oversees the Pittsburgh market, or to unregulated handlers. The expansion of the Order 4 milkshed gives producers there the option of joining a market that generally pays higher prices for Class I milk.

"He's in between the two markets," Cook said. "He can switch his milk this way and pick up anywhere from a dollar to 50 cents more. And, if hauling rates aren't that much higher, then he can make money."

Most of the region's fluid processing plants have remained clustered around the major cities even as supplies have shifted because it's cheaper to haul raw milk than packaged products, Johns noted. The upshot is that farmers are paying more for hauling.

"We have a range in transportation costs of -- low to high -- somewhere between 30 and 40 cents a hundredweight," Atlantic's Dever said. Dairymen who continue to produce milk in the shadows of Philadelphia's suburbs have hauling rates that average about 17 cents less than other members. However, Dever added, this advantage probably does not make up for their higher labor, land and tax costs.

Still, operating costs are not the major reason behind the westward shift of milk production. Development pressure is.

As an example, PFA's Dennison detailed the financial advantage enjoyed by a dairyman in Montgomery County, Pa., who is willing to relocate farther out in the state. He assumed this farmer carried a debt load of $2,500 per cow on a 60-cow, 180-acre operation and that he can sell that land for as much as $40,000 an acre.

The decision to move "has nothing to do at that particular point with operating costs," Dennison said, "because you can turn around and move your whole operation, say, for instance, to Juniata County and probably buy a pretty nice farm for $3,000 an acre." Even after taxes, "you're going to have a debt-free operation with money in the bank."

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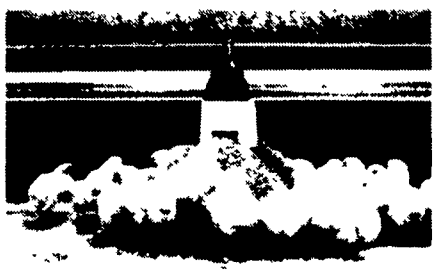

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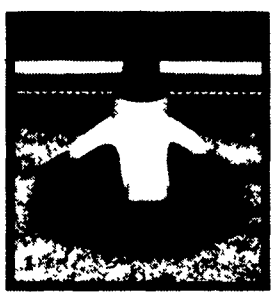

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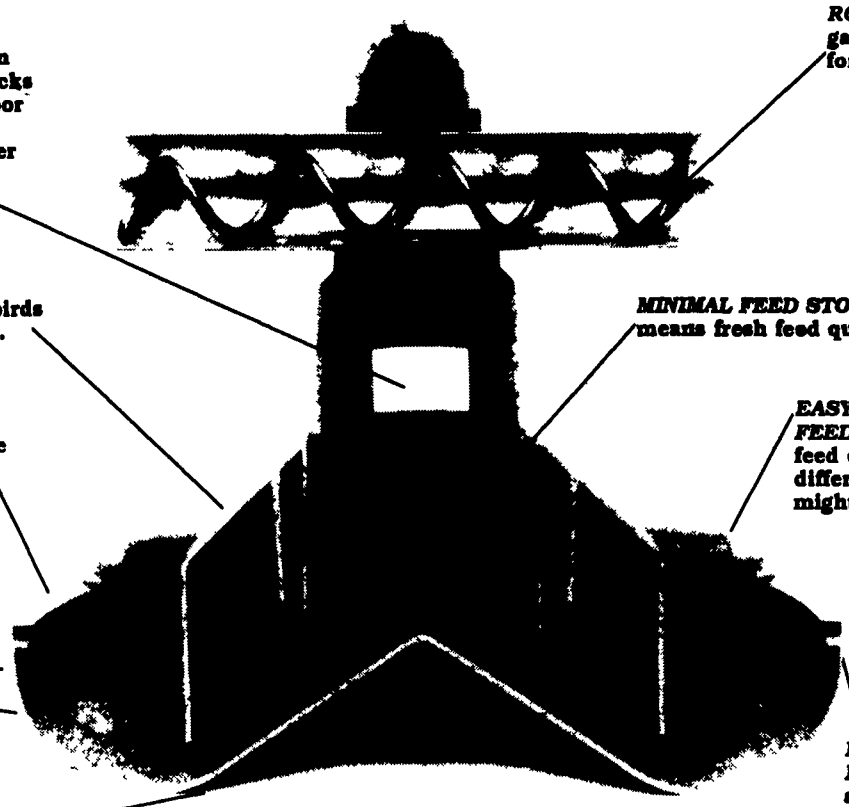

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Herd Owners Discuss

(Continued from Page A1)

the question about his use of BST when it becomes available as a commercial product. And he has concluded that he would use it but qualifies that conclusion by saying that he does not know the product price. Craig said from what he has seen, he could justify a cost of 15 to 25 cents per cow per day.

"Yes, I am concerned with consumer reaction," Craig said. "If no one wants to buy the milk, we have a problem. We have groups of people that oppose everything. As a producer of milk, I'm concerned with public perception. But the only thing you can do for half truths and innuendoes is to come back with the truth. Without the technology behind BST we wouldn't have cheap food.

("BST is probably the most safe, wonderful thing that has happened. But if it is not adapted by the consumer, it will crash."—Terry Etherton)

"One thing sure," Craig said. "I don't want legislation to keep it away from me. I want to be able to make the decision to use it or not to use it here on the farm."

Unlike Craig, a Lancaster County dairyman cooperating with Monsanto and unidentified in this interview to protect the on-going trial, thinks he does not have the expertise to decide at the farm if BST should be used.

"I don't know what the market is going to do," the Lancaster dairyman said. "I need to leave that up to the cooperatives and others who take care of marketing the value added products. There may be a lot of co-ops that say the product is perfectly safe, but it will affect our sales, so don't use it. If we are going to spend a lot of time and money to sell BST produced milk when we could easily be selling milk without use of the product, then we should forget it."

The Lancaster dairymen feel strongly that the pharmaceutical companies who want to sell BST should help determine what effect BST will have on consumption.

And he thinks the producers of BST should foot the bill to educate the public about its safety.

Winston Samuels, product development, Monsanto, agrees. "I understand the concerns. And we can't predict the future," Samuels said. "And we do need to help educate the public about the safety of BST. That's why at Monsanto, we are talking to nutritionists, extension personnel, veterinarians and consumer groups.

"But a great deal of the fear comes from the farmer groups themselves," Samuels said. "We have never dumped any milk in our trials anywhere in the world. And efforts by consumer groups to boycott milk from cows treated with BST have all failed."

In a controlled experiment for BST started last fall in this Lancaster dairyman's herd, for Monsanto, 50 cows were hand picked out of the herd and divided into two groups--the control group and the group to receive BST. After the initial trial, the herd is now on a demonstration phase where the dairyman decides which cows are treated.

"The people in the milking parlor could immediately see that the udders of the low producing treated cows were more filled with milk," the Lancaster dairyman said. "But it didn't matter if we treated a high producing cow and a low end cow, we got nearly the same 9 lbs. of milk increase. So we have found it's more beneficial to treat the fatter, low-end cow that isn't working as hard as she could."

Larry Muller, Penn State, agrees. He said they have found that it's best not to use BST on the cow until she has reached a positive energy balance. This means that most cows will not be started on BST before 90 or 100 days into the lactation. This new information from research would indicate that if you wait 100 days, even if you get a 15 percent increase over the last 200 days, it would only be a 7 to 8 percent increase over the entire lactation. "We may need to re-evaluate our reproductive management," Muller said. "It may not be essential to get that cow bred back in 90 days, especially if she is 70 lbs. instead of 50 lbs.

("In all my work from an animal biology viewpoint, I have never seen a negative that would keep BST from being approved."—Dale Bouman)

Under this trial plan, the Lancaster dairyman treats his cows on a 14 day interval. Milk production makes an upward curve around the 14 day segments with lowest production seen the day before or the day after treatment. The cows have little reaction to the injection, often allowing themselves to be treated in the free stalls without incident.

"Initially I said the large dairymen that can pay someone else to inject the cows would use it," the Lancaster dairyman said. "But my thoughts have changed. If you can't use the computer or if the numbers can't be put in easily determined parameters, the guy who knows his cows is going to do a better job. This individual dairyman may not have the volume return, but this product is volume neutral."

The Lancaster dairyman agrees that BST has become an emotional issue in both the farm and consumer segments of the population. Increased milk production can add to surplus. But he thinks calf hutches added just as much potential surplus. "I've always said calf hutches were the worst thing that happened to the dairy industry," the Lancaster dairyman said. "We never had this kind of numbers standing behind the milk herd before we could save all the calves with the use of hutches."

Dr. Richard Erdman, private

(Turn to Page A36)

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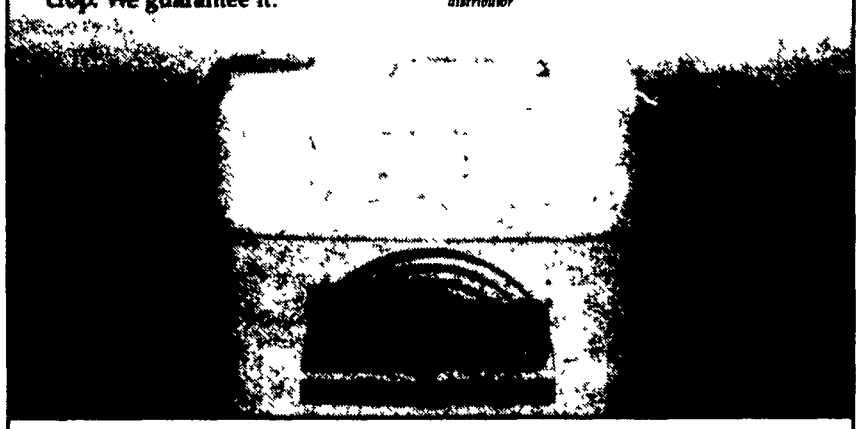

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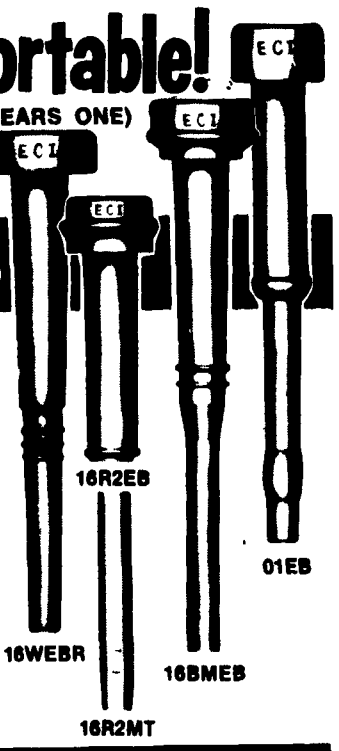

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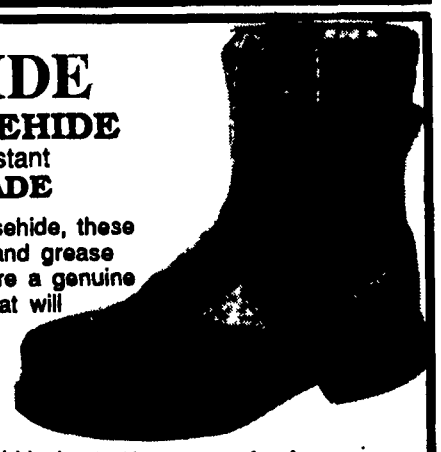

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Farmers started planting tobacco this week as the ground dried out after the heavy rains of last month. At the Donald Shank farm, Pequea, (Lancaster Co.), the first of 30 acres of Pennsylvania Type tobacco was planted on Wednesday. The plants were large and the ground had been harrowed two times and was in good shape. In the photo Shank is on the tractor. On the planter is (l to r): Roy Smeltz, Walter Pickle, And Toby Shank.

Holly Milk Named Industry Of The Year

SOUTHAMPTON, (Bucks Co.) — Holly Milk Cooperative, Mt. Holly Springs, has been named the "Outstanding Industry of the Year" by the Industrial Management Club (IMC) of Carlisle and vicinity.

The award was presented May 18 at the chapter's regular monthly meeting. William L. Schreiber, manager and chief operating officer, accepted the award, given in recognition of Holly Milk's "management, employee team spirit representing superior leadership, outstanding professionalism, achievement and exceptional employee dedication."

An affiliate of the YMCA, the Carlisle Chapter of the IMC represents 40 area businesses. The chapter meets nine times each year, featuring a local industry at each meeting.

Holly Milk, a 10-year member of the IMC, was featured as the "Industry of the Month" in March. Company employees presented a brief history of the plant and provided general information about Holly's role in the local economy.

In operation since 1978, Holly Milk manufactures dry milk and condensed products, which are used by candy and ice cream manufacturers. The plant also processes butter under the Land O'Lakes label.

Holly Milk is a subsidiary of Atlantic Dairy.

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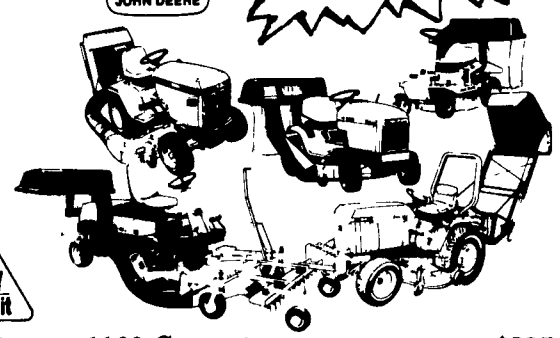

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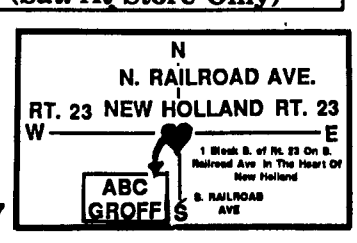

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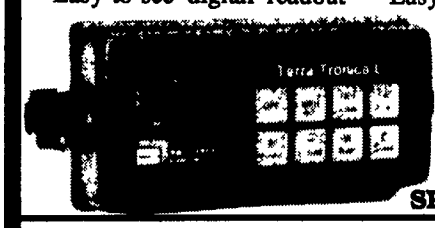

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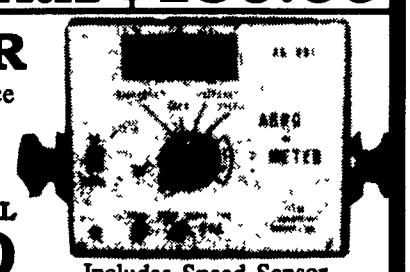

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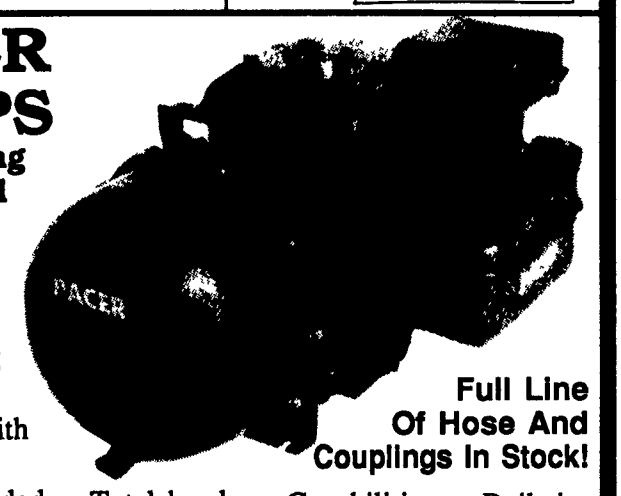

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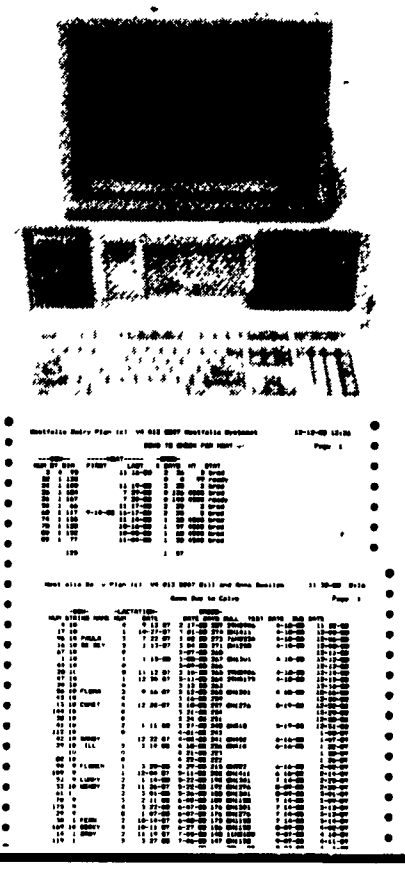

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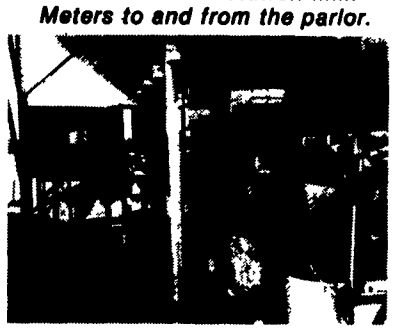

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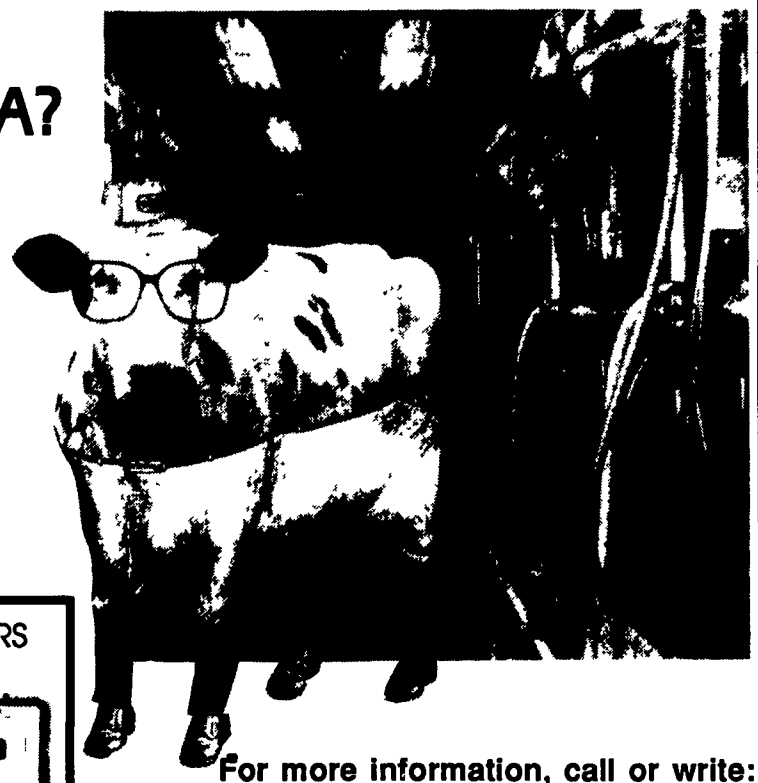
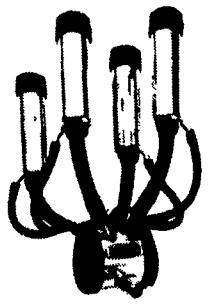


MILKERS



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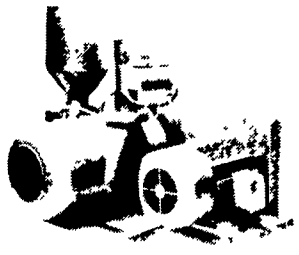

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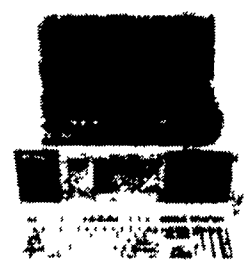
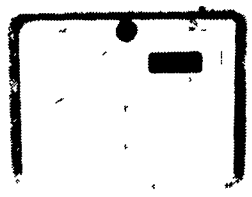


MILK METERS



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What Makes This Franklin County Dairyman Sing?

BY BONNIE BRECHBILL
Franklin Co. Correspondent

CHAMBERSBURG (Franklin Co.) — Ah, finally, the evening had arrived. Giuseppe Verdi's **Requiem** was being performed at the Mercersburg Academy Chapel. I eagerly anticipated sitting in the Gothic stone chapel with the ethereal sounds of the professional soloists, a full orchestra, and the 140-voice chorus surrounding me.

No thought of cows would intrude, no thought of the article I was supposed to be writing for **Lancaster Farming.**

We had found a babysitter and dressed in our Sunday best. The walk down the aisle to our reserved, front row seats recalled memories of our wedding. I was completely detached from the stresses of farm and typewriter.

We settled in and the heavenly music began. "Requiem aeternam dona eis..." The Latin words flowed over me, soothing my spirit...

My husband's elbow in my side interrupted my bliss. "Isn't that Harold Crider up there in the chorus?" he asked.

"Of course not," I whispered back. "What would a dairy farmer be doing..."

I looked closer. That certainly was Harold Crider up there with the tenors. And was that his son next to him?

During intermission, my husband said, "I think you've found the subject of your June Dairy month article. That must be a load off your mind."

"It certainly is," I replied, and settled in to enjoy the rest of the concert.

Harold, 58, a life-lone dairy farmer and Franklin County resident, has been interested in music most of his life. At the age of 20, he joined a male quartet, the 'A Cappella Four.' The group sang together for 17 years, providing special music to various churches. The quartet was disbanded when one of the members moved out of the county. The four still get together one weeked a year, though, and sing for a worship service of the Franklin County Sunday School Association.

After the quartet disbanded, Harold sang with a 30-voice male choir for five years.

For the past five years, he has been a first tenor with the Mercersburg Area Community Chorus, along with son Rodney, 25.

Leona, Harold and son Rodney (right) look over their DHIA records at the breakfast bar.

Leona (left) holds grandson Andy in the parlor of the farm house where she and Harold (center) have lived since their marriage in 1954. Daughter-in-law Katie holds Alyssa. Twins Rodney (left) and Roger are in partnership with their father.

The all-volunteer chorus presents Christmas and Easter programs, and performs the Messiah every five years. "I like that type of music," Harold said. "It's a challenge to do it."

Harold learned to read music while growing up in the Mennonite church and is now music director at Cedar Grove Mennonite Church.

Rodney and his twin, Roger, who are in partnership on the farm with Harold, share his interest in music. They both played cornet in their high school and sang in the glee club. Rodney sings with a Christian group, 'New Dimensions,' an outreach of Camp Joy-El's Children's Bible Mission, and goes on tour with them once a year. Roger sang with New Dimensions also until his marriage in 1985.

Wife and mother Leona is also musically inclined. She took voice lessons when the twins were babies, "when I needed something to get me out of the house," she said, and sang her first solo in church at the age of 35. "It took a lot of nerve," she commented. A soprano, she still sings solos occasionally.

The Criders also have two daughters, Eileen and Marion who are married and not involved with the farm, but still sing with their brothers at family gatherings.

These 11 excellent cows carry the Crider prefix, Antrim-Spring. Of these 11 cows, there are five Elevation daughters. The first three pictured are Elevation full sisters. The fifth and sixth cows are also Elevation daughters. The average age of these cows is five years, one month. In 350 days, they averaged 23,364 pounds of milk with a 3.8 percent test and 887 pounds of butterfat.

Bonnie Brechbill — Franklin County Correspondent

Bonnie Brechbill resides on a 105-acre dairy farm in Edenville, Franklin County with her husband and five-year-old daughter. She has served as ***Lancaster Farming's*** Franklin County correspondent since December 1986.

Originally from Long Island, New York, she received her bachelor of arts degree in English from Franklin and Marshall College in Lancaster. Bonnie is a member of the St. David's Christian Writers Association and attends the Association's annual writers conference.

Her publication credits include: Grit, Pennsylvania, Purpose, The War Cry, Gospel Herald, Christian Herald, and Pennsylvania Farmer.

Another son, Aldean, 20, is doing Voluntary Service on John's Island, South Carolina, constructing houses for Habitat for Humanity.

As important as music is to the Crider family, their main interest is dairy farming. The quality of the herd they have built up over the years is proof of their knowledge of the dairy cow and their devotion to improving herd genetics. Their BAA of 107.4 is one of the highest in Franklin County.

Their herd of 69 cows includes 14 Excellent cows, eleven of which carry the Antrim-Spring prefix, and 16 Very Goods. Antrim-Spring's RHA stands at 17,000 pounds of milk and 636 pounds of fat, with a 3.8 percent test.

All this is the result of 35 years of working to build up a good herd.

When Harold and Leona married in 1954, they worked for Harold's father for three years. For one of those years, Harold received half of the heifer calves as part of his wages. Those calves were the foundation of about half of the present herd. "Throughout my whole farming career, I've never bought more than four milk cows," Harold stated. His herd also includes an Excellent cow that is the eleventh generation of his first registered calf, purchased in 1946 as an FFA project.

One method the Criders have used to build up their herd is embryo transplant work, which they first tried in 1981. They had consigned an Elevation daughter to the National Convention Sale in Baltimore and she sold for $15,000. They decided to flush that cow's dam, Marie, to Elevation, and got "three eggs, three pregnancies and three heifers," Roger related. "That was encouraging."

Subsequent flushes of Marie produced 19 daughters, 11 of which were Elevation daughters. Of the 19 milking daughters, the Criders are still milking ten. The other nine were consigned to sales or sold privately.

For the first five years, the Criders's embryo transplant work was done surgically, but for the past three years has been done non-surgically. They have gotten as many as 25 fertile eggs from a flush, and average about seven. About 70 percent of the embryos take up in the recipients.

Two fourteen-year-old dry cows, Spring Belle Marie and Spring Belle April Rose, are kept at Antrim-Spring Farms for flushing purposes. The Heatherstone Lucky Type Blazer daughers were purchased as calves from Spring Belle Farm in Lancaster County in 1975. Their granddam, an Excellent-92 point Gold Medal dam, is the great-granddam of Vanguard.

The fourteen-year-old cows "Don't respond as well as younger cows," Harold said. "We're just single flushing them."

To determine which cows to select from the herd for flushing, the Criders look at her depth of pedigree. They are seeking to

(Turn to Page A32)

FARM FORUM

(Continued from Page A10)

rams. Between 1934, the first year of federal farm programs, and 1980, the total spending was only $76 billion.

Despite this unprecedented level of spending, the 1980's have produced the worst farm crisis in the 50 years since the Depression. More than half a million family farmers have been forced from the land. Over 100,000 mainstreet businesses closed. Tens of thousands of rural schools and churches shut down, and 661 rural hospitals ceased operating. In a reversal of the trends of the 1970's, we now see an out-migration from rural America into the large cities of the United States.

The reversal of the fortunes and directions of rural America is a result of the failure of federal policy, primarily federal farm policy.

Much of the $124 billion in farm spending during this decade was caused by subsidies called "deficiency payments." A deficiency payment is the difference between the target price, a Congressional estimation of the production cost for the commodity, and the loan rate or the market price, whichever is greater. For more than 50 years the government has controlled the market price with the loan rate (chart enclosed). Current federal policy has put farmers on welfare, using deficiency payments to subsidize a large portion of their income. More than 50 percent of net farm income in recent years came from government payments.

While Congress was sustaining the higher target prices in order to maintain farm income, the Administration was cutting loan rates and market prices. As a result we saw a widening of the gap between target prices and loan rates, causing higher and higher federal spending. The excuse given for cutting loan rates was the theory that cutting farm prices would increase farm exports by making U.S. farmers more "export competitive".

That farm policy failed completely. Exports fell. Every year that farm prices were reduced, exports were also reduced. In 1980, we exported nearly $9 billion of corn at a farm price of $3.11 per bushel. By 1986, the Administration and the Congress had managed to cut the farm price in half, to $1.55 per bushel, but corn exports dropped to $3 billion, the lowest level of this decade. As Secretary Yeutter testified on April 19, 1989, "agriculture exports bottomed out at $26 billion and 110 million tons in 1986." It is not by accident that the year with the lowest farm prices coincides exactly with the year of lowest exports.

Cutting farm prices to increase exports was a gamble with America's future even if it had succeeded in increasing exports. The failure to increase exports was a roll of the dice by the federal government and the farmers lost. Consumers and taxpayers have also been losers under this policy. Food prices have continued to increase despite lower farm prices. The **only** winners under this policy were the giant food processing companies, the multinational grain companies and the five principal importing nations — the Soviet Union, Japan, Taiwan, Korea and West Germany.

Not until 1988, a drought year, did the value of exports bounce back due to the higher prices of commodities. Farm policy makers contend that the 1985 farm bill is working, yet in many commodities such as soybeans, cotton, rice, & wheat flour, the volume of exports has actually decreased. It is only the drought caused higher prices that added up to more exports in 1988. The higher prices also resulted in sharply reduced farm subsidies.

Another excuse for lowering U.S. farm prices is that it will result in less production in other countries. World wheat production has gone from 400 to 500 million metric tons (mmt) during the 1980's. In 1988, the European Community set a record for wheat exports. U.S. soybean production declined by 12 million acres from 1982 to 1987, while Brazilian and Argentine soybean acreage increased by 12 million acres in the same period.

The argument for cutting prices to increase exports is a false argument — the value, and sometimes even the volume of exports, declined with lower prices. The export feed and food market is an **inelastic** market since each country buys only as much as it needs each year to make up for shortfalls in their own domestic production. Lower prices do not encourage more buying in years of good production, nor do higher prices discourage buying in time of short production because a feed shortage would force a slaughter of beef, swine, and poultry.

If cutting prices will increase exports then why does 1986 produce the **lowest farm prices** and the **lowest exports** for both corn and wheat? The three worst years for soybean exports are the years with the lowest farm prices — 1984, 1985 and 1986. The three best years for exports — 1980, 1983, and 1988 were years of drought-induced higher prices.

Real budget savings can only come from fair farm prices. It is time to stop playing smoke and mirrors with both the budget and farm policy which need a lot more than just "tinkering" to create workable policy. It is up to the media to hold these policies up to the full light of public scrutiny.

Jim Nichols
Commissioner,
Minnesota Dept. of Ag.

Calendar

(Continued from Page A10)

Pleasant Gap, 7:30 p.m.

Tioga County Dairy Princess Pageant, Tioga County fairgrounds, Whitneyville, 7:30 p.m.

Southern Maryland 4-H/FFA Spring Show, Charles County fairgrounds, LaPlata, Md.; runs through June 4.

Thursday, June 8

Adams County Christmas Tree Growers meeting, working tour at Paul Denlinger's Red Bridge Rd., Hunterstown, 10:00 a.m.; working tour at Alex Kessel's Seven Springs tree farm, Cashtown, 1:30 p.m.; educational meeting at Penn State Fruit Lab, Biglerville, 7:30 p.m.

Friday, June 9

Pennsylvania Polled Hereford Association Junior Preview Show, Penn State Ag Arena, University Park; runs through June 11.

Bedford County Dairy Princess pageant, Northern Bedford High School, Loysburg,

Saturday, June 10

Franklin County Dairy Princess pageant, Kauffman's Community Center, Kauffman Station, 7:00 p.m.

Adams County Dairy Princess pageant, Biglerville High School, Biglerville, 7:30 p.m.

Western Maryland 4-H/FFA spring show, Hagerstown Speedway, Hagerstown.

Monday, June 12

Eastern Junior Simmental Association meeting, Springfield, Ohio; runs through June 15.

Dubois Gateway Fair, fairgrounds, Dubois; runs through June 17.

Tuesday, June 13

American Veal Association convention, Sheraton-Lancaster Golf & Conference Center, Lancaster; runs through June 14.

Wednesday, June 14

Cumberland Cooperative Wool Pool, Carlisle fairgrounds, Carlisle, 7:00 p.m.

National Convention of the American Jersey Cattle Club, Stouffer Five Seasons Hotel, Cedar Rapids, Iowa; runs through June 17.

Friday, June 16

Lycoming County Dairy Princess Pageant, Genetti Hotel, Williamsport, 7:00 p.m.

Juniata County Dairy Princess Pageant, Walker Grange, Mexico, 7:00 p.m.

Cumberland County Dairy Princess Pageant, Embers Convention Center, Carlisle, 8:00 p.m.

Susquehanna County Dairy Princess Pageant, Mountainview High School, Kingsley, 8:00 p.m.

Warren County Dairy Princess Pageant, Sugar Grove United Methodist Church Education Building, Sugar Grove, 8:00 p.m.

Washington Greene County Dairy Princess Pageant, Washington County fairgrounds, Washington, 8:00 p.m.

Delmarva Chicken Festival, Lord Baltimore Elementary School, Ocean View, Del.; runs through June 17.

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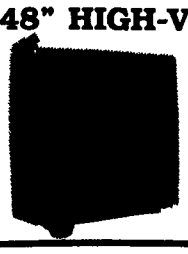

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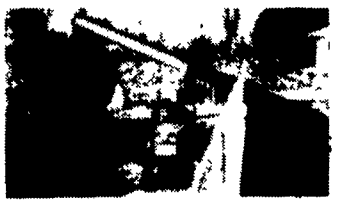

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Franklin County Dairyman

(Continued from Page A30)

maintain or increase the numbers they have in the herd, and try to mate cows to bulls that will produce high numbers.

"But that's not the most important," Harold said. "What we're after is trying to get a real good individual."

The Criders have used Triple A to some extent. They've had the herd analyzed several times. "It definitely helps to get better offspring as far as type conformation," Harold said. Roger cites experience as a factor in getting the cows properly mated.

While no frozen embryos have been sold from Antrim-Spring, the Criders do plan to merchandise the live offspring of their embryo transplant work. Twenty-five to thirty percent of their income is currently from merchandising animals. "We don't sell many for meat," Harold said. "One purpose of the embryo transplant work is to have good pedigreed animals available for merchandising."

They have sold nine milk cows and three heifers so far this year, and have also consigned animals to local Holstein Club sales, the state Calf Sale, the All-American Sale, the National Sale and the Gold Rush Sale.

One-third of the farm's calves under a year old are the result of ET work. Roger, who lives with his wife Katie and their two children on the Crider's second farm, is responsible for the calves. Both Roger and Rodney worked for other farmers for a few years, and speak highly of the experience they gained.

Working out "helped me make a decision about what kind of dairy operation I wanted to be involved in," Rodney said. Roger, who worked for a farmer who used loose housing. We handle the cows more easily in tie stalls. I like working more closely with the cows."

All three of the Crider partners work closely with the cows. The only outside help they have is Lee Golden, 16, who helps to milk on weekends. Each of the three Crider men gets one weekend a month off.

While Leona no longer helps with the milking, she washes the milkers and cleans the milkhouse. "I help more in the barn when they're getting hay in," she said.

Canning and gardening keep her busy in the summertime. "I used to can 13-14 bushels of fruit when the children were home," she added. "Now it's about nine." She also belongs to the local Ruritan Auxiliary and was instrumental in founding the Farm Women 14 group in 1974. She served as its first president and is still involved with organizing bus trips for its members.

Harold also is active in off-farm acitivites. He is currently present of the board of Farmer's Co-op, a Purina dealership in Greencastle; a director of the Franklin County Holstein Club; treasurer of the Franklin County Dairy Promotion committee; a director of Pennsylvania Dairyman's Association, and a charter member of the Kauffman Ruritan club. In the past, he served for ten years as state director of the Pennsylvania Holstein Association and 11 years as state director of DHIA.

Even with all these activities and responsibilities, the family still takes time to share their farm with others. Last March, three Holstein Club tours visited Antrim-Spring Farms within eight days of each other. One or more tours usually come through the farm each year.

The family owns 161 acres and rents 25. In 1963, when Interstate 81 cut through the farm, they purchased the 28 acre farm where Roger and Katie now live. Twenty two thousand vehicles a day pass Harold's barn, located between Exits 2 and 3 of the Interstate.

The drivers of those vehicles have no idea that the farmer they might see out in the field is humming the Messiah or Verdi's Requiem as he works.

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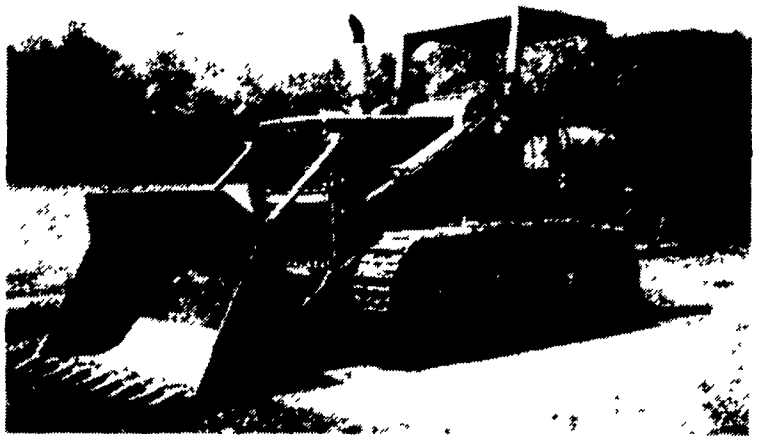

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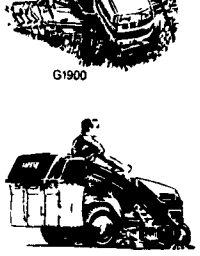
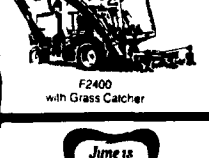


G1900

G2000 with Grass Catcher



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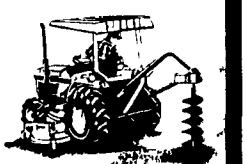

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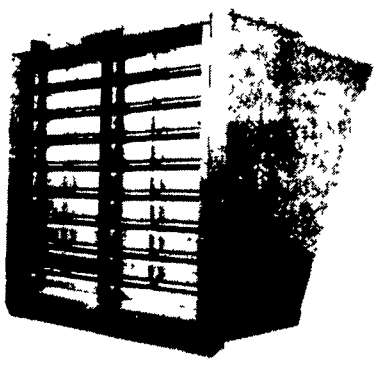

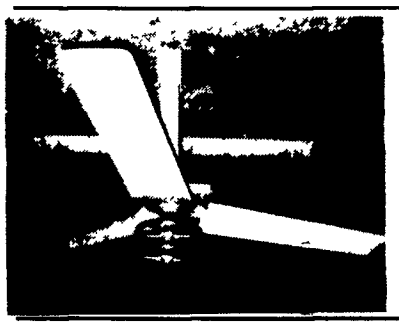

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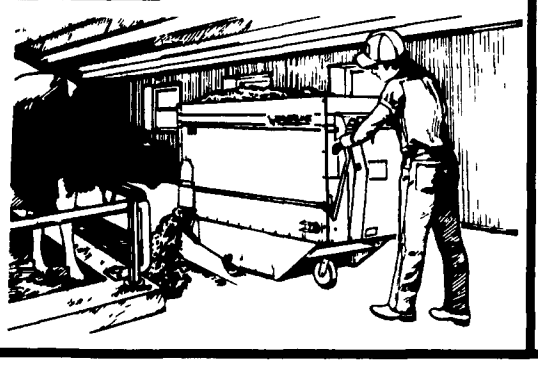

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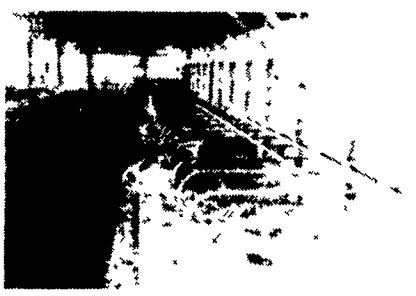

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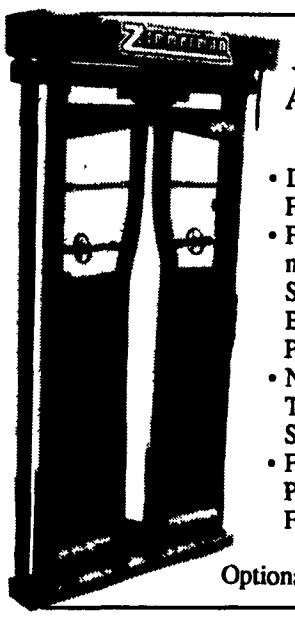

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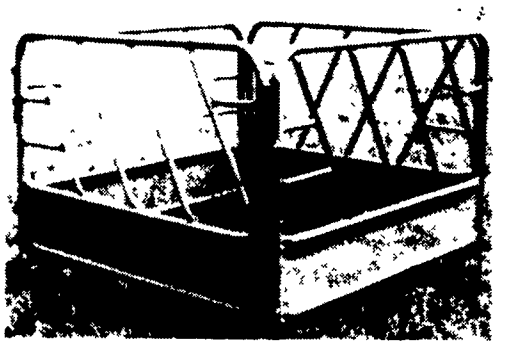

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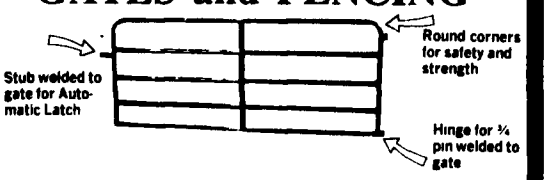

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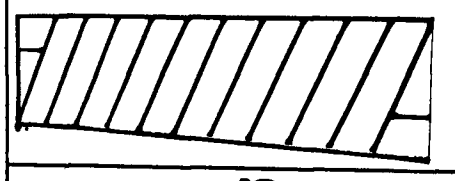

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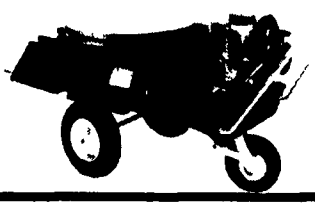

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Ag Preservation Board Approves Guidelines

HARRISBURG — Secretary of Agriculture Boyd E. Wolff announced that the Agricultural Land Preservation Board has unanimously approved guidelines that will direct Pennsylvania's $100 million dollar Farmland Preservation Program until February 13, 1990.

Approval of the guidelines came during the Preservation Board's second meeting, held in Harrisburg on May 23. The preliminary guidelines will be replaced with permanent regulations by Feb. 13, 1990.

"A sound, statewide farmland preservation program will assure that Pennsylvania farmers have sufficient agricultural lands to provide farm products for the people of the Commonwealth, nation and world," said Wolff, chairman of the board. "Landowners can make a long-term commitment to agriculture through financial incentives and security of land use.

"These guidelines will enable county boards to get started on their own programs," he added. "Now they know what they can and can't do."

The county boards will acquire easements to prevent development of the land for any purpose other than agricultural production. Easements may be purchased when they are voluntarily offered by the landowner for perpetuity or for a 25-year term.

Normal farming operations in agricultural security areas will be protected from complaints of public nuisance. Landowners will be financially compensated for relinquishing the right to develop their private property.

Only a county that has received certification of its farmland protection program may submit recommendations for the purchase of easements to the state board.

Under the new guidelines, county boards shall consider the quality of the farmland tract. Not only must it be located in an agricultural security area, but it also must be part of a normal farm operation capable of generating annual gross receipts over $25,000. At least 50 percent of the farm must be harvested pasture, grazing or croplands.

The program will be funded through a $100 million bond issue overwhelmingly approved by voters in a 1987 statewide referendum. The board, created by Act 149 of 1988, set an easement purchase threshold of $20 million for the first year at their April meeting.

Complete guidelines will be sent to all county boards in Pennsylvania. Further information is available from Mary Goodhouse, director, Bureau of Farmland Preservation, Pa. Department of Agriculture, 2301 North Cameron Street, Harrisburg, PA 17110-9408; 717/783-3167.

ADADC Sponsors Picture Perfect Offer

SYRACUSE, NEW YORK — As part of its June Dairy Month promotion, ADADC is co-sponsoring a portrait promotion with Sears. The promotion was developed to help increase consumer awareness of the "REAL" Seal.

Through the offer, consumers can receive a free 8x10-inch color family portrait ($15 value) by clipping six "REAL" Seals from dairy product cartons. The offer is redeemable at any one of the 830 Sears portrait studios. The promotion runs June 1 - July 31, with a September 30, 1989 expiration date for the portrait offer.

The program will be promoted through dairy case display materials which include banners, flags and tear pads. Similar materials will also be available in the ice cream section of the supermarkets.

The "REAL" Seal is a dairy industry trademark which distinguishes real dairy foods from imitations. Consumer familiarity of the dairy symbol has increased to an all-time high of 68 percent in 1988, up from 20.7 percent in 1980 when the Seal was introduced.

Over 1,300 companies representing more than three-quarters of the United States commercial dairy industry have been licensed to use the Seal on packaging.

The American Dairy Association and Dairy Council is a dairy promotion association funded by dairy producers from New York, New Jersey and Pennsylvania.

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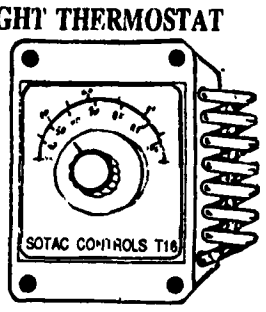

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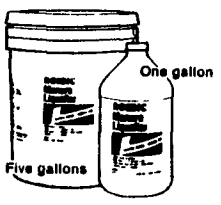

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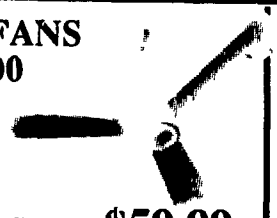

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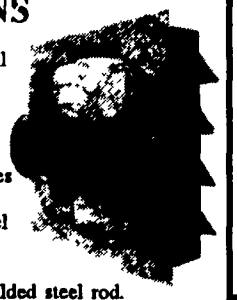

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Angelique McDonald, The New Guernsey Queen

BY LINDA WILLIAMS
Bedford Co. Correspondent

IMLER (Bedford Co.) — Just as some wear many hats, Angelique McDonald of Imler RD, wears many crowns.

She is the present reigning Bedford County Dairy Princess, the Pennsylvania Guernsey Queen, and most recently added the title of National Guernsey Princess to her list.

Angelique McDonald and a favorite Guernsey, Bonita.

Angelique received her latest achievement at the National Guernsey Convention at Rochester, New York, last week.

Interested in dairy farming since the age of five, Angelique is used to winning. The McDonald family room has one wall entirely devoted to her many trophies gained at fairs and dairy shows throughout the years. Her most outstanding, she feels, is the Lori Clark Memorial Award, which she won at the South West District Show.

The McDonald family lives on a 150 acre farm and Mr. and Mrs. Galen McDonald and their family of three girls and one boy milk 60 cows. Fourteen of these are Angelique's very own. "Actually my whole family is interested in dairy farming," she says.

The McDonalds also raise Saint Bernard dogs and these are largely Angelique's responsibility.

Angelique's siblings stayed home to do the milking while her parents attended the New York show.

"Knowledge of the dairying industry and particularly Guernsey cows was how I got my title," Angelique admits.

She was judged on communication with knowledgeable farmers on the subject of dairy farming, a humorous skit which she wrote herself and, an on stage question.

"I was asked how I would promote dairy products if I got this title," she remembers.

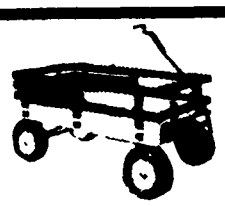
"I said I would address young people first because they are the most important ones that need dairy products. Then, I would tailor other presentations to fit other age groups."

Angelique is a 1989 graduate of Chestnut Ridge High School. In school, she served as the FFA vice president, secretary and treasurer and received the Senior DeKalb FFA award. She was the 1987 Pennsylvania Outstanding Guernsey Girl and has helped her family win the Herdsman Award for 15 years at the Harrisburg Farm Show.

Her immediate future plans include increasing her dairy herd and becoming an auctioneer.

A co-worker elected at the New York show was Heidi Knapp of Hartford, Wisconsin, who serves as the National Guernsey Queen. While Heidi covers the western half of the nation promoting dairy products, Angelique will be doing her work in the eastern part of the country. Her most immediate assignments are the North American Livestock Exhibition in Louisville, Kentucky, and the Pennsylvania All American Dairy Show in Harrisburg.

She will be turning over her title as Bedford County Dairy Princess to this year's winner on June 9 at the Northern Bedford County High School.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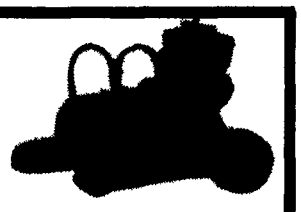

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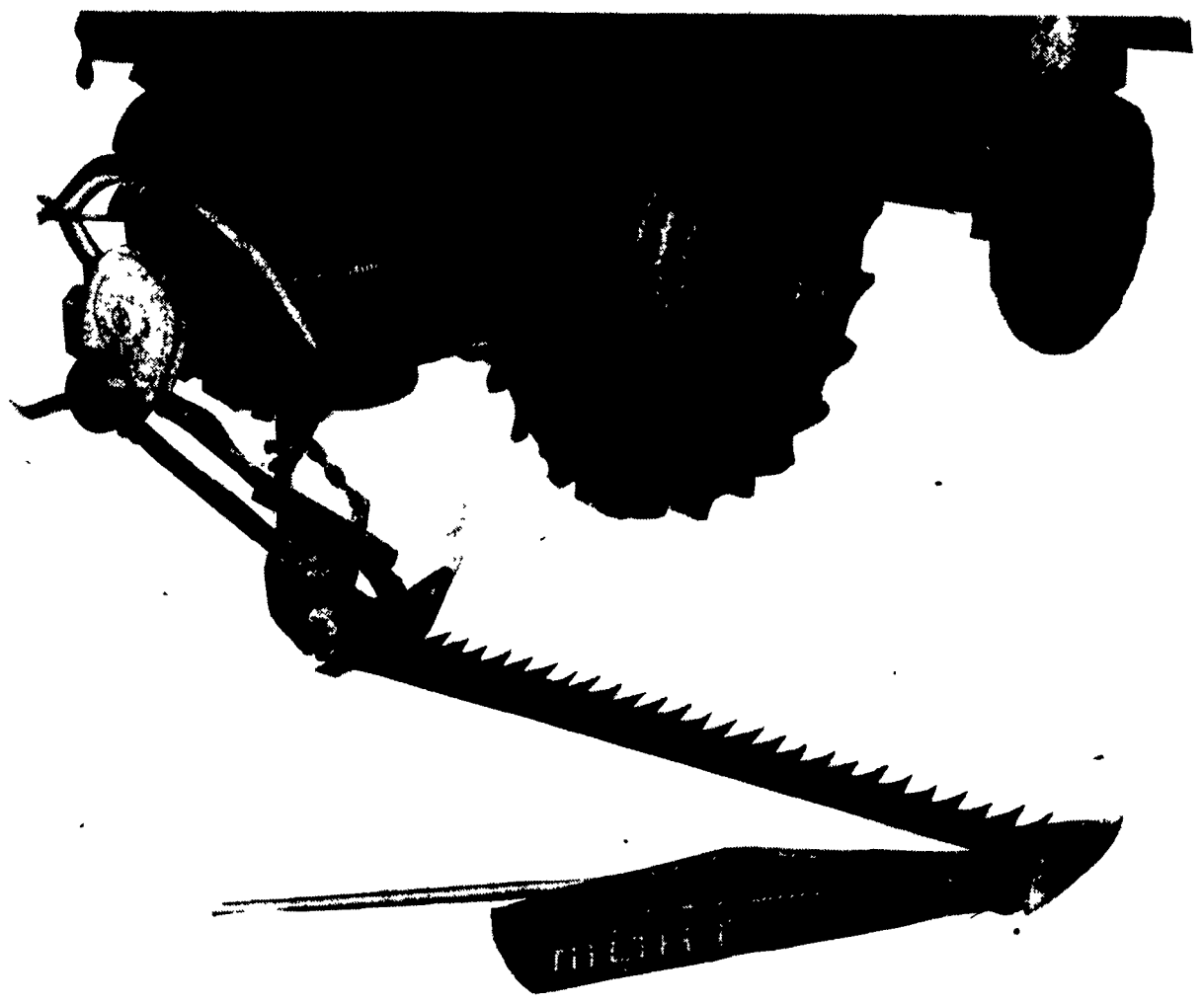

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Herd Owners Discuss

(Continued from Page A27)

consultant for this project, said he has found from his work with several herds that in a herd that produced 2,000 lb. of milk less than the Lancaster dairyman's herd, the response from BST was three pounds greater. So Erdman concludes that if you had a farmer who was making $30,000 and one that was making $10,000, BST could be expected to mean a lot more to the person with the lower income. "With BST, all you need to do is just feed the cows," Erdman said.

But the Lancaster dairyman thinks there will be farmer resistace if the cost goes over 25 cents per cow per day. On a 100 cow herd that would be $775 per month, and the resistance would come because of the large dollar figure per month. The dairyman also talks about what he calls the "hassle factor." He figures it costs him $1.00 per cow in time to administer the product and he thinks the the effort involved to give injections to cows on a regular basis will keep the average dairyman from using the product.

Dr. Michael Radebaugh, VMD, Parkton, MD, also has reservations about how the average dairyman will use BST. "I think of the herds I take care of," Radebaugh said. "And only a few would be able to use BST with the management practices they have now. Cows will become thin from lack of energy. Cows may burn out; we don't know. The average cow now only has a life expectancy of five years.

"And I'm always concerned about animal welfare groups. I wouldn't want to see an animal rights group get hold of the injecting and show discomfort in the cow," Radebaugh said. "We also run the risk of Bovine Leukosis if the farmer for some reason doesn't use a separate needle for each cow. And if we have one syringe for each cow, then we add to the medical waste disposal problem.

"The dairy industry is now enjoying a great deal of consumer acceptance of their products. Not many people have any fear of their milk. I'm for new technology. I just think we should go slow on this," Radebaugh said.

Paul Corbin, president, Pennsylvania Dairy Promotion Program, said that his major concern is the potential surplus problem. "We have done a good job of getting consumers to drink more milk and eat more other dairy products over the past few years, Corbin said. "I'm concerned our marketing efforts will be a wasted effort. Consumers have increased consumption with an increase in price to farmers. But if we add to the surplus now, we will depress the price."

("The 'hassle factor' involved to give injections to cows on a regular basis will keep the average dairyman from using the product."—Lancaster Co. Dairyman)

Dale Bouman, Cornell University, thinks BST represents a good test of the system to get people to start to think about how it will be with bio-technology. "We will no longer have small yearly production increases from efficiencies," Bouman said. "We will see big production jumps from time to time, but we will not know when they will come. So we need to think in those terms.

In all my work from an animal biology viewpoint," Bouman said, "I have never seen a negative that would keep BST from being approved."

Terry Etherton, Penn State, agrees. "BST is probably the most safe, wonderful thing that has happened," he said. "But if it is not adopted by the consumer, it will crash."

And while Etherton thinks the consumer must be educated, he has not identified anyone to conduct this public educational program. He thinks the pharmaceutical companies have a vested interest as do the dairy cooperative. And government agencies that must approve the product are suspect because of public mistrust.

Scott Higgens, general manager, Mid-east UDIA says there is no problem unless the media or special interest groups make a problem. Higgens said his organization is prepared to "be very possitive" and will be able to respond to any crisis situation that should arrise.

Ralph Stroch, chief executive officer, MAMMA, said we have both viewpoints in cooperatives and questions how we will get a consensus. Stroch also cited a TV program he had seen in the Baltimore area that showed consumer advertising ready to go up against BST when it is approved. This advertising centered around the message "When is milk not milk?" and raised a lot of questions about whether you are really getting real milk. "I think we're in for rough sledding," Stroch said. When consumer advocates get hold of something, even if it's not a problem, it will be a problem before it's done. If they can stir up an Alar scare that's no more dangerous than this, they can stir up milk too."

Daniel Deaver, Penn State, has some strong opinions about this consumer problem. "The public in general does not have the background to understand the information they are receiving about BST," Deaver said. "So when they look at a worst case scenario like the Alar program on TV, they remember the worst case. And the public is pre-occupied with the conception that hormones are bad. This lack of education is very dangerous from all standpoints.

"What I am really afraid of and what I think will happen if dairymen are not careful, is that a group of dairy producers will reject BST. They will be a strong vocal group."

"And some consumer groups who reject BST will point to these vocal dairy farm groups and say, 'See dairymen themselves recognize that BST is an unnatural hormone product.'" "Once that happens and the dairy industry begins to use the notion that hormones in milk are bad, we have set a terrible precedent. In other states we have already seen where co-ops have decided not to accept BST milk. They are not recognizing that we already add hormones to milk in processing. Vitaman D is a hormone, and we have added Vitaman D to milk for years."

"If you take milk off the counter and look what other hormones are there, I could find at least 20. So, there is a naturally occurring background of hormones in milk. And not just dairy milk. Humans have hormones in their mothers' milk too."

"Therefore, what I'm saying is that we add hormones to milk already. We do it on purpose. And other hormones are there naturally. If we now say we are not going to accept milk with hormones just because the cow has been treated with BST we open a can of worms, and we're not really thinking clearly."

Later on animal rights groups will be able to use this to go in another direction."

("Without the technology behind BST, consumers wouldn't have their cheap food."—Tom Craig)

"All milk has BST in it and there is no way to detect which cow has been treated. To label milk as having no BST would be false. In fact, research shows that some hormones must be in the milk for offspring to survive. In the next 10 years, I expect to see us add hormones back into milk for the health of the drinker."

"So lack of knowledge causes fear and dairymen go on the defensive and say there are no hormones there. But hormones are there and we are only now learning that they are there for the good of all of us," Deaver said.

Muller agrees. "From a scientific standpoint, BST appears safe. Safe for the animal's health. Safe for those who drink milk. It's ironic that dairymen and industry people are concerned about a product that has been so thoroughly researched. Yet they will buy a product that people peddle down the road that has nothing but a promise behind it. If you really think about it, maybe we know too much about BST before it gets on the market. But, of course this is the first product of bio-technology in the animal field."

And as Craig said. "Without the technology behind BST, consumers wouldn't have their cheap food."

Farmland Preservation Training Workshops Offered

HARRISBURG — Seven farmland preservation training seminars will be held for local officials and farm leaders in June, Secretary of Agriculture Boyd E. Wolff announced today.

"Pennsylvania's new program to preserve farmland will save an important natural resource for our children's children and for generations to come," Wolff said. "With proper training, our local officials and agricultural leaders can hit the ground running and reverse the tragic loss of farmland."

Seven seminars are planned: June 7 Mountain View Inn, Greensburg; June 8 Days Inn, Meadville; June 9 Sheraton Berkshire, Reading; June 13 Sheraton Williamsport; June 15 Sheraton Altoona; June 20 Sheraton Harrisburg West; June 22 Sheraton Conference Center, Scranton.

Seminar agendas and registration information will be sent to counties and agricultural groups. The registration fee of $25 includes lunch and the cost of all written material. People interested in attending any of the workshops should contact John Sallade, director of member services and education, Pennsylvania Association of County Commissioners (717-232-7554).

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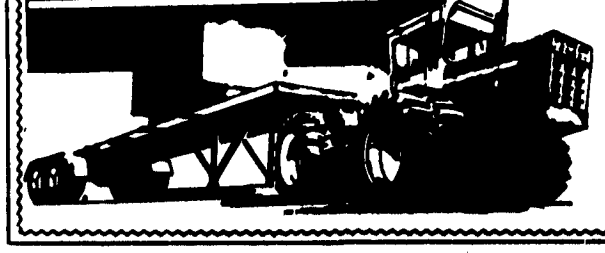

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Cool Cows Make More Milk

COLUMBIA, MO — Dairy producers who keep their cows cool during summer can boost profits by several hundred dollars a month, according to research by University of Missouri-Columbia dairy scientists.

"Our studies showed that spraying each cow with one-half gallon of water per hour and running a fan that produced a 10-mile-an-hour breeze put cows back in the comfort zone and brought milk production back to normal," said Harold Johnson.

"In a 100-cow herd, that sort of cooling program can boost milk profits by more than $750 a month."

University Extension dairy specialist Barry Steevens said summer heat stress can decrease milk production 20 to 30 percent. Cows produce less milk because they eat less due to high body temperatures." Also, their conception rate drops considerably," Steevens said.

He said the normal body temperature of a dairy cow is 101.5 degrees Fahrenheit. When the cow is under heat stress, that temperature can hit 103 to 106 degrees.

"High producing cows have to dissipate approximately 1,600 kilo-calories of heat per hour — about 6,400 BTUs," Steevens said. "That's a tremendous amount of heat to shed through radiation and respiration.

"A 100-cow herd, is giving off 640,000 BTUs an hour. That's about the same as having several large furnaces in your house."

Steevens and Johnson offer these suggestions for keeping cows cool:

—Provide shade. "We recommend giving each cow at least 50 square feet of shaded space," Steevens said. Shade should be at least 10 feet high and orientated north and south.

In a Florida study when the outside temperature was 102 degrees, the temperature under a metal roof with insulation was 86 degrees. Under a sun screen with 90 percent blockage, the temperature was 92.5 degrees; under a sun screen with 70 percent blockage, 93.4 degrees. Sun screens cost about 30 cents per square foot.

—Open the ridge of the barn. "A number of dairy barns are hot boxes unless we allow air movement," Steevens said. A ridge cap should be at least 12 inches above the barn's ridge to allow hot air to rise and exit through the roof.

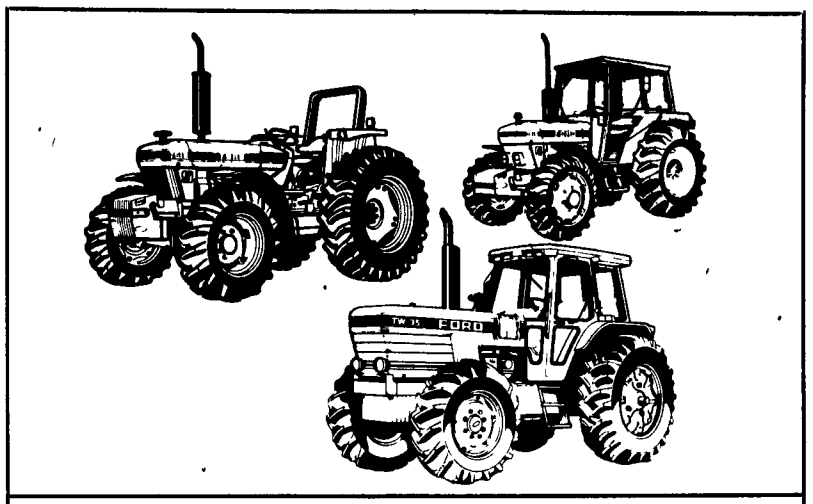
—Open the barn sides. Some producers remove metal or wood from the barn sides for summer ventilation.

—Install large fans. "For every 20 to 30 cows, we recommend you install one 36-inch fan that will deliver 11,000 cubic feet per minute," Steevens said.

—Use cool bedding. Sand is a cool bedding material that reduces the chance of mastitis-causing bacteria. Steevens and Johnson recommend 6 inches of clean, washed sand for stalls. Sand should not be used if you have a liquid manure pump, because it can ruin the pump.

—Install water sprinklers. "Soak cows, don't just fog them," Steevens said. A fine mist does more harm than good by creating a foggy, humid environment.

He suggested installing a spray nozzle about 8 to 10 feet above the cow. These should be located in drained cement areas — near feed bunks or the edge of the free stall barn.



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May 31, 1989
Report supplied by USDA

CENTRAL U.S. CARLOT BEEF REPORT (INCLUDES THE MAJOR PRODUCTION AREAS IN THE MIDWEST AND TEXAS) AS OF 3:00 P.M.

COMPARED TO WEDNESDAY'S 3:00 P.M. REPORT, CHOICE STEER AND HEIFER CARCASSES MOSTLY $2.00 LOWER; SELECT WEAK TO $3.00 LOWER; NO RECENT TEST ON HOLSTEIN-TYPE FOR AN ACCURATE TREND. DEMAND LIGHT, MOVEMENT MODERATE ON HEAVY SUPPLIES AND OFFERINGS.

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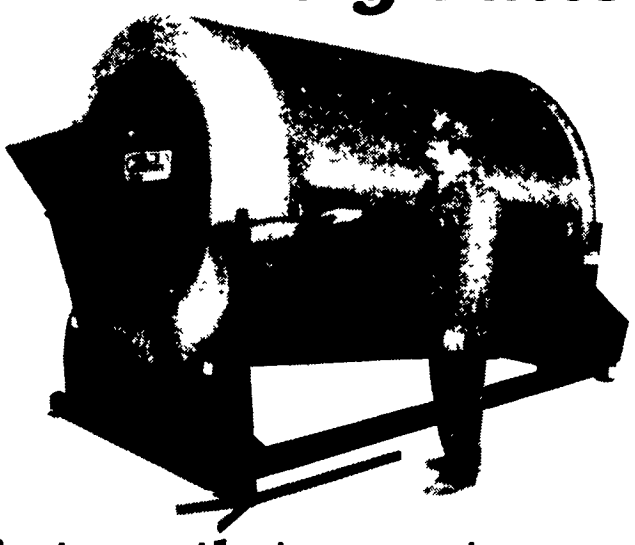

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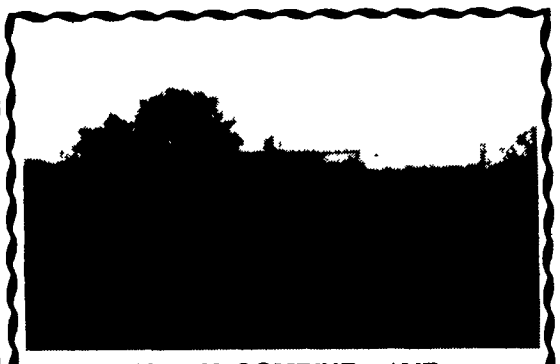

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Sat. June 24, 1989
at 10 A.M.

2.7 miles N. of Lenhartsville & I-78 toward Kempton, turn off Rt. 143 at the Henninger Nursery sign, cross bridge turn R, traveling a total of .3 mile from Rt. 143, turn R. after barn, go to 2nd home, Albany Twp., Berks Co. Pa.
15 acres whereon is erected a 2½ story log house w/alum. siding. House had 3 BRS, lg. eat in kit., LR, den 1½ baths & lg. enclosed rear porch & view from the frt. porch facing an open field, lg. trees & the Ontalaunee stream flowing along the property. There is a drilled well & oil hot water heat. This setting is just unbelievable in this quiet peaceful valley. There are also 2 garages. For inspection call (215) 395-8084.
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SINGLE FAMILY FRAME DWELLING
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Auction Time: 7:00 P.M.

LOCATION: 126 SOUTH MARKET STREET, EPHRATA. From West Main Street in Ephrata, at the Lincoln House turn south on Market St. to property on right. Ephrata Township, Lancaster Co., PA.

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Containing modern kitchen w/bar, elec. range, **dishwasher, microwave, garbage disposal;** dining room; living room w/wall-to-wall carpet; den - T.V. room; laundry room w/washer/dryer hookup, closet; ½ bath. Second floor contains master bedroom w/walk-in closet; 2 additional bedrooms w/closets; full bath, insulated attic; concrete basement; **OIL FIRED HOT WATER BASEBOARD HEAT.**
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Note: This home is in **VERY GOOD CONDITION.** It has been properly maintained & is ready for occupancy. **SEE IT AT OPEN HOUSE: SATURDAY, JUNE 3 & JUNE 17, 1989; 12:00 NOON - 3:00 P.M.,** or by Appointment. For appt. or assistance to obtain financing, call Paul E. Martin, 717-733-3511. All herein information is believed to be accurate but is being used for advertising purposes only.

TERMS: 10% down day of auction, balance at final settlement.
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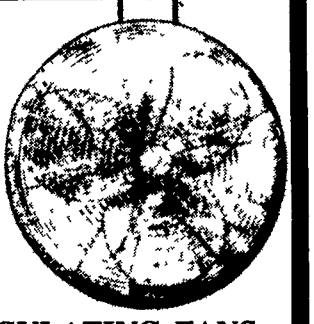

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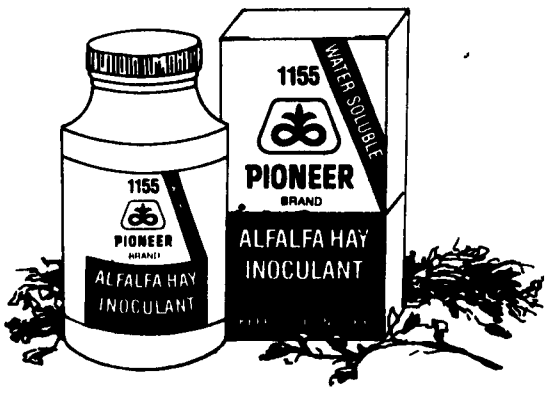

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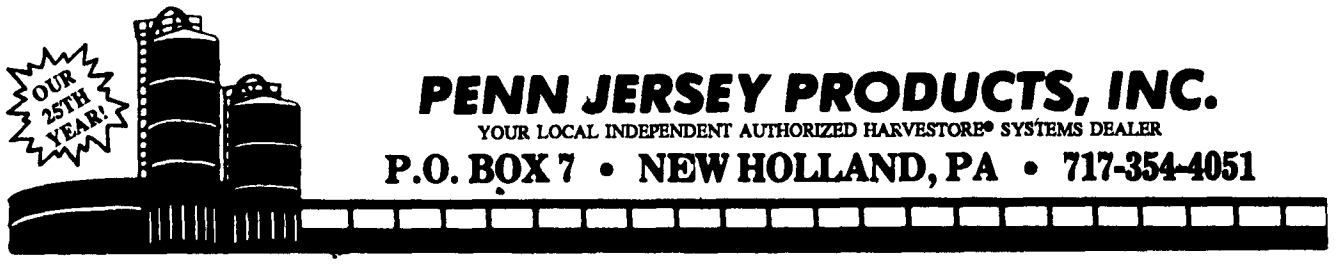

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Determined To Dairy Farm

BY JOYCE BUPP
York Co. Correspondent

DELTA (York Co.) — What chance of farming "happily ever after" is there for a young man with dairying in his blood and a young woman determined to never marry a dairyman?

Plenty, if the couple happens to be Dale and Miriam Ranck.

The Ranck's year-old dairying operation in southern York County is a tribute to the love of cows, love for one another, and love and support of their families. And woven through their entry into the dairy business is a solid faith in God and ability to work toward definite goals.

"We love it here," smiles Miriam Ranck, whose dark eyes sparkle with joy as she relates the events which brought these Lancaster County natives to their farm at Delta R2. The farm was the former home of Kingway Holsteins, owned by Paul and Kathy King.

Dale has always loved farming. The eldest son of Harry and Dorothy Ranck, Strasburg, Dale sensed early in his childhood that he would someday become a farmer. Their operation included 40 milking head, 35,000 pullets, and 110 acres of tillable ground.

"I farmed on the floor as a kid," he grins, recalling borrowing his mother's ice cube trays to use as elevators with his toy farming equipment.

Although Dale assumed farming for him would include milking cows, the crops and machinery side of the Ranck family's dairy operation initially interested him more. Taking charge of the herd on a few occasions while his parents vacationed reassured Dale that he did like and could handle the responsiblities of a herd.

After graduating in 1980, he worked awhile with the family operation, then took a job as a carpenter. Later, he spent a year with Mennonite Voluntary Service, doing construction and repair work for low-income home owners in Syracuse, New York.

While in Syracuse, he corresponded with longtime friend, Miriam Deiter. Miriam, the daughter of Robert and Mary Deiter, Lancaster, was office coordinator at the Locust Grove Mennonite School.

"I was very independent," Miriam relates. "And I had decided a long time ago I would never marry a dairy farmer." Though not raised on a farm, she was acquainted with many farmers. She felt the long hours and demands of being on hand for milking twice a day, every day, kept a family very tied down.

Miriam, in fact, had already purchased land, and had a blueprint designed for construction of her own home. It was time to order the lumber when her casual friendship with Dale grew more serious.

"When we decided to get married, it seemed the right time to start farming; we had to look for a house anyway," recalls Dale. They considered farms in central Pennsylvania and in New York, but felt both locations were too far away from their families and had less productive soils than Dale wished to farm.

"We heard about the King farm and it all fell into place," Dale explains of the location just a half-hour from his parents' farm. "We were praying about it and felt this was where God wanted us to be."

The 50-head stall barn and 110 tillable acres offered the size facilities Dale wanted, in keeping with his strong beliefs in the values of one-family farms. And, the new Cape Cod style home was laid out amazingly similar to the blueprint of the home Miriam had planned, even down to similar color schemes.

Although the Kingway registered Holsteins were also for sale, Dale credits Paul King for not encouraging him to purchase the high-type and production show herd. Though a registered Holstein enthusiast, he has no plans to show, nor classify, in the immediate future, preferring instead to concentrate on production and paying off debt.

Instead, Dale purchased 28 cows from upstate New York, plus 10 cows and a half-dozen two-year-olds from his father. On March 22, 1988, he milked in his own barn for the first time.

But sickness put Dale in the hospital. His family helped with the milking. One day before the couple's wedding in mid-April, Dale was released from the hospital. The illness not only postponed their wedding trip, but kept Dale from planting his corn until early June.

"I planted late, but my total yield was probably about the same as everyone else's, due to the drought. It was a decent crop."

Dale had purchased the feed remaining in the silos and baled hay at the farm, supplementing with a complete-feed grain mix. By fall, he had a new crop of corn silage, plus the corn and barley grown, to help cut costs in the feeding program.

"The cows bottomed out last summer, due to the heat and my learning about how to feed. I've learned a lot about feeding - like conditioning them before they dry off and not trying to fatten them during the dry period. Getting them to produce the way they had before gave me some problems,"

(Turn to Page B4)

Fuzzy, a daughter of Atlantic Breeder's sire, Basic, is Dale and Miriam's top producer. One of the herd individuals purchased from his father, the five-year-old is fresh three months, and milking 105 pounds.

Home-bred replacement heifers will help the Ranck's reach their goal to fill the 50-stall barn.

Homestead Notes

Joyce Bupp — York County Correspondent

Joyce Bupp and her husband, Leroy, milk 200 head of registered Holsteins and crop 700 acres of corn, hay, beans, and small grain at their Bupplyn Farms, Seven Valleys. They have a daughter Patty, 20; and son, Richard, 17. Joyce writes a weekly column for ***Lancaster Farming*** and "The York Dispatch". She has also been published by "Farm Journal," "Hoard's Dairyman," "Holstein World," and "Pennsylvania Holstein News." She is a book reviewer for the "Christian Herald Family Bookshelf."

Joyce serves as a Middle Atlantic division and corporate director of Dairymen, Inc., and as secretary of the Upper Chesapeake Bay Dairy Council.

Late afternoon finds Dale Ranck calling the Oak Lane herd back to the barn for evening milking.

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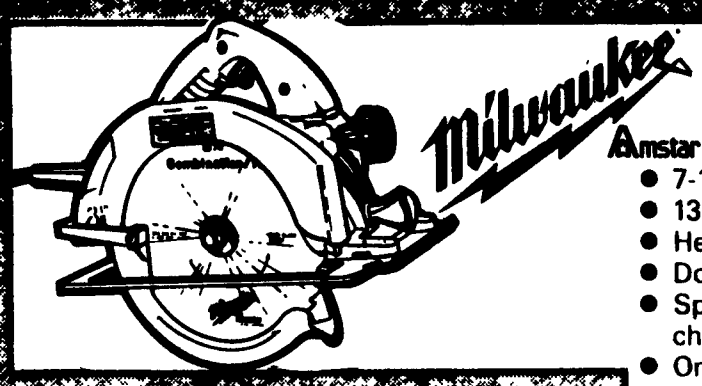

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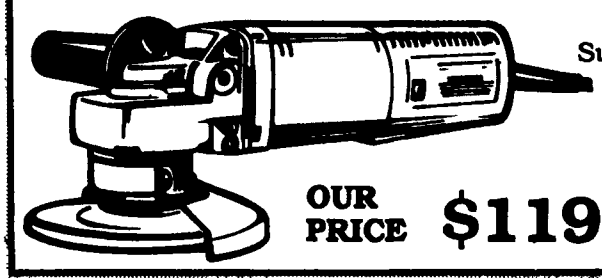

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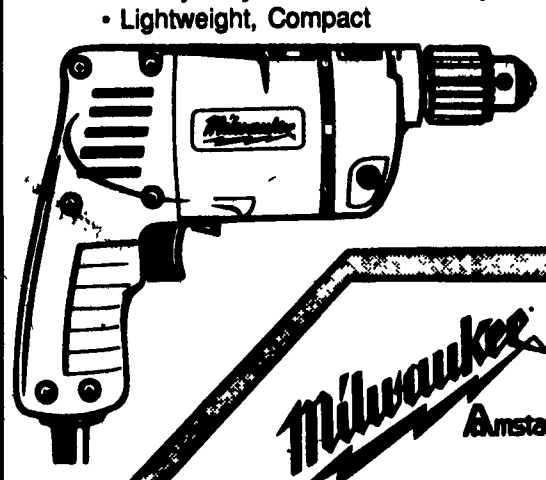

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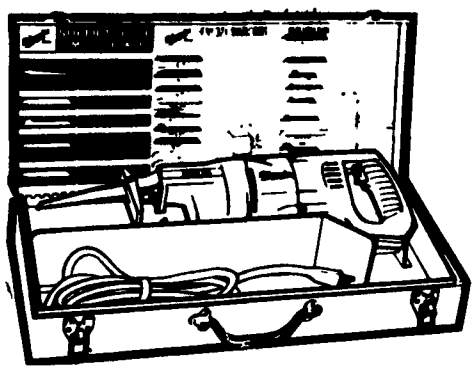

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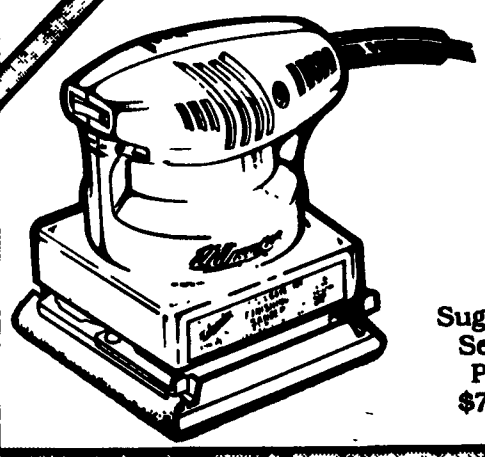

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Determined To Dairy Farm

(Continued from Page B2)

Dale says of those initial months of dairying.

Changes in his feeding program, including the addition of fats, put more energy in the ration. Though more costly, the change has gotten results. Cows now average 64 pounds per day, compared to the 50-pound level he fought to maintain some months.

With their first year of DHIA now completed, the Ranck's initial rolling herd average on their 39 head is 17,046 milk, with a fat test averaging 3.6. While Dale worked at fine-tuning his feeding, breeding and crops programs, Miriam was rapidly becoming a dairy farming partner.

Although initially apprehensive of the cows, she quickly learned milking chores, care of the calves, and helping with milkhouse clean-up. By the time they took their delayed wedding trip to Florida last July, Miriam had become so interested in the herd that she had questions about individual cows each time they called home to check.

"It surprised me," she chuckles of the deep interest she quickly took in the herd. Since the couple is expecting their first child in July, Miriam has given up helping with milking and some of the more physically strenuous farm chores.

"Who says we can't make a go of it?" Dale challenges those who would suggest dairying is almost impossible for a young couple to break into, due to high investment costs. "If others can do it, so can we."

"But, you don't start 'on top of the pile'," he quickly adds. "And, you can't start out broke.

"It's a great help to have someone behind you and advise you," believes Dale. "I was fortunate to have the opportunity; not everyone does. And, it's almost impossible without that. My father was in no way pushing; he wanted to make sure I had the commitment to stick with it. My parents purchased the farm, and we cash rent it from them."

Absolutely certain he wanted to farm, Dale had saved carefully during the years he worked after graduation. He weighed the temptation of items like snowmobiles, four-wheelers, and expensive pickups against eventual cow purchases - and the cows won. With no need to build a house, Miriam's land could likewise be used toward acquiring a herd and machinery.

Equipment for corn planting and hay baling is the only machinery the Rancks own. Custom operators are hired for such jobs as filling silos and grain harvest. And, with his family not too far away, machine-sharing is sometimes done.

Expansion to 50 cows and adding equipment are intermediate goals for the Rancks, but paying off debt is the couple's prime focus for the present. Ultimate goal is to purchase the farm from Dale's parents, through improving the Oak Lane herd's production and holding costs, to maintain cash flow levels for servicing long-term debt.

But there are no plans to grow beyond the one-family operation size.

"We need dairy farmers," says Dale. "Someone has to milk those cows. And I believe we ought to have more 40-50 cow herds, and less 100-cow herds. Forty head is about what one man and his family can handle."

"However, we must be here every day to milk. Larger operations allow more time off. But if it's a partnership, and someone gets tired and wants out, what do you do? Bigger sized farms demand more continuous labor, and there seems to be a shortage of good bosses and good employees."

One of his major concerns for the future of dairying is the issue of BST, Bovine Somatotrophin. Not only is he bothered by the idea of frequent injections of the hormone into cows, but also by the potential for controversy that may offer animal rightist groups. Dale feels that the use of such technologies as BST and possible future success in sexing of semen is getting pretty close to overstepping the bounds in "fooling around with nature."

"It's like someone being able to control of the rain. In the long run, God knows what's best," he staunchly believes.

Protein pricing is another issue he expects dairymen to face soon, as consumer concern over fat continues to grow.

"But if dairy farmers keep getting paid based on butterfat, we'll keep on producing butterfat," figures Dale.

With their goal of dairy farming reached and well-under way, Dale and Miriam are quick to credit his family, whose support played a major role in making that happen. He also praises the efforts of Paul and Kathy King, for their improvements and developments in facilities for the herd and their comfortable home.

"We're very fortunate to have a place with a new stall barn and new home. I think some of our friends are given hope by seeing what Paul could accomplish here. It's an example of how someone can start with a few inconveniences and build from there," he says with admiration.

For others considering the long-term commitment to dairying, Dale stresses the importance of having some financial savings toward startup.

"Get a job and save some money. It takes some sacrificing at those times when you'd like to spend for something else. And buy wisely; you can get nice things without paying the highest price for the very best. You don't have to buy some item just because everyone else has it."

And, likely his most important advice of all is, "You must really want to do it."

Despite rain and chilly weather, Miriam has been planting flowers and vegetables in the garden and flowerbeds at their Delta farm.

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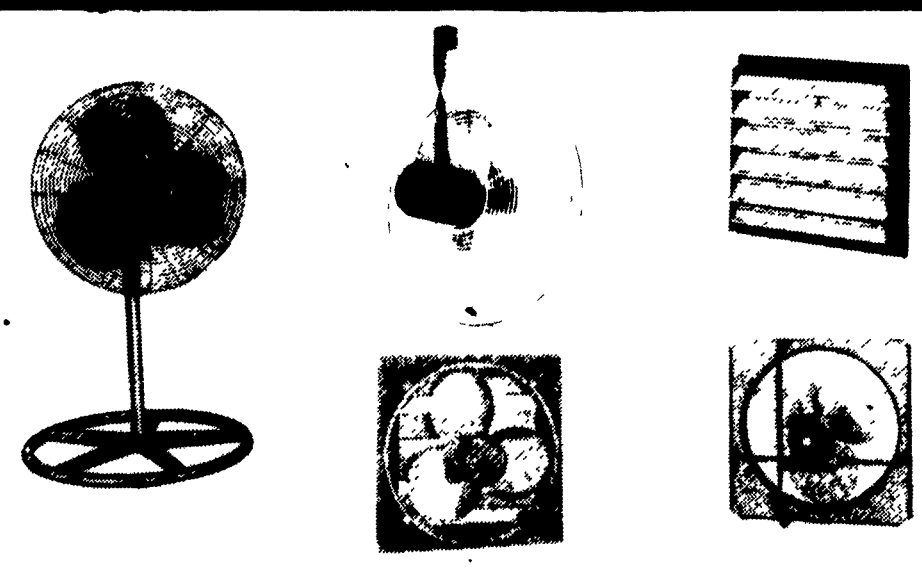

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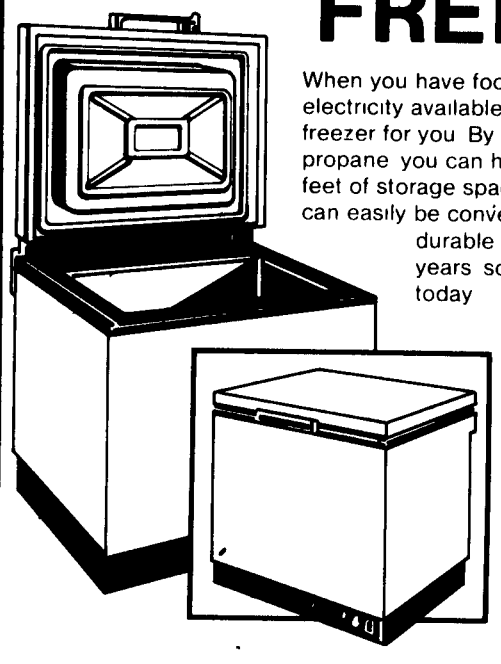

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On being a farm wife -And other hazards

Joyce Bupp

Ahhhh, June.

Month of solemn graduations, tears-of-joy weddings, sweetly-scented roses, juicy strawberries, and gleeful kids dancing through the front doors of yellow school buses into long-awaited summer freedom.

Over the years, June has come to stand for yet another special celebration. It's an annual salute, with historic roots in the industry of providing the nation with a fresh, quality supply of milk.

Traditionally, cows turned out to the lush pastures of springtime responded by producing more milk than at any other time of the year. To help encourage the use of milk and dairy foods at this peak season, June Dairy Month celebrations came into being many years ago.

Year-round more balanced herd feeding and dairy pricing/marketing programs have helped stabilize seasonal production extremes. However, we continue to pay tribute in June to the dairy cow and the wholesome nourishment she provides our nation.

Little did I ever dream that dairy cows would ever so tightly weave into and so forever direct my life. Indeed, cows are a sort of extended family. We often spend more time with them than with each other. They are the source of our income -- and outgo! -- and a collective force which evokes in us the whole range of emotions one feels for a family.

We delight in them, worry over them, lose sleep over them, clean up in their wake, carfully monitor what they eat, schedule regular health checkups and grapple with unexpected emergency ailments, grow frustrated at their hard-headed stubbornness, and have shed tears at the untimely deaths of those most dear to us.

Indeed, as I often observe to the Farmer when one or a group of cows pulls some notable bit of behavior: "Well, what do you expect? They're only human."

Cows cleverly find the teeniest possible breakthrough spot in a fence, yet blithely and blindly miss the wide open, garage-door-size entrance to the dairy barn on their way back from trashing the newly-mown lawn.

Cows sometimes turn up their muzzles at costly, nutritionally-balanced-by-computer feed ration, yet relish a hunk of bleached-out, stemmy old hay if they can snitch it from the jaws of a neighboring herdmate.

Cows will ignore a grassy expanse of summer pasture in favor of piling together in some muddy, messy corner where they can slap at flies and one another with tails liberally sloshed through the muck.

Cows will patiently stand and wait their turn to be milked, then decide they need to lie down and rest just as you get ready to prep them in readiness for the milking machine.

Cows become sick, lame, indisposed and die for almost no discernible reason under the most careful, watchful care, but sometimes miraculously pull through on their own when even the most skilled vet has given up all hope on them.

Yet, in spite of their sometimes contrariness, sometimes cantankerousness, they still have a way of touching one's heart with affection and pride.

Cows, plodding in a single line up from the pasture, dutifully headed for the barn, speak to me of purpose and devotion to one's work. Cows scattered across a grassy meadow, resting under a cloud-studded, blue sky, paint a picture of contentment and pastoral peace.

Cows greet your presence with heads up, eyes bright, ears wide at attention and gentle lowing sounds. They may affectionately rub their heads against your knee, or drag a scratchy, tongue across the bare skin of your arm.

In return for food and fertilizer to nourish the soils, cows ask for little more than the basics: adequate food, fresh water, comfortable shelter -- and an occasional scratch on the neck or behind the ears doesn't hurt a bit, either.

After all, they're only human, you know.

Show Less Cholesterol In Eggs

NEWARK, DE — Recent advertisements for low-cholesterol eggs may have some consumers puzzled -- and paying more for eggs that are really the same thing as those not labeled "low cholesterol."

According to Dr. Sue Snider, University of Delaware Extension food and nutrition specialist, several recent studies on the nutritional value of eggs showed that the average egg yolk contained 210 mg cholesterol, compared to the standard value of 274 mg listed in the United States Department of Agriculture nutrition handbooks.

"The interesting part of the analyses was that the cholesterol levels of regular eggs were similar to the values of the eggs being marketed as low cholesterol," Snider says. "It appears that over time, the cholesterol content of eggs has fallen."

Why does the nutritional content of an egg change? Snider says a combination of different egg production practices, including changes in the diet fed to laying hens, has apparently affected egg nutrient values. The new values may also be the result of more precise nutritional analysis.

In the same studies, researchers also found changes in other egg nutrient levels. For example, total fat in the average egg measured 5.1 g instead of the previously 5.7 g. The protein value was 6.45 g, compared to the old value of 6.07 g.

In addition, the studies showed decreased values for calcium, iron, potassium, sodium and zinc, says the nutritionist. And results indicated an increase in vitamin A levels and a decrease in calories (down from 79 to 74).

Another sampling of eggs is currently being analyzed to confirm all nutrient values, Snider says. In the meantime, consumers who pay more for eggs labeled "low cholesterol" are probably not getting less cholesterol for their money.

Exchange Program Seeking Families

WASHINGTON BORO — Families interested in learning about other cultures are needed to host international exchange students. These students will be arriving this summer to begin a year's exchange at a local high school. Any family that would like more information about the exchange program or about the possibility of hosting please call Youth for Understanding at 717/871-0944.

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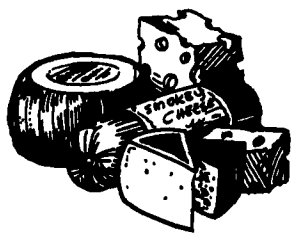

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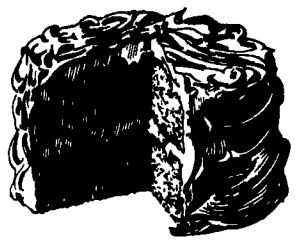

Celebrate Dairy Month With Delicious Eating

June Dairy Month is the time set aside by state and local governments to honor members of the dairy industry for providing consumers with an abundant supply of nutritious milk and milk products.

As part of this month-long salute, hundreds of local, state and regional events are planned throughout the states, to pay tribute to dairy farm families.

Celebrate dairy month with recipes using milk and milk products. These recipes were submitted by *Lancaster Farming* readers for the Dairy drawing. Each week during June and for the first week in July, contestants entries will be printed for you to enjoy.

CREAM PUFF CAKE

1 cup water
¼ teaspoon almond extract
½ cup butter
1 cup flour
4 eggs
8 ounces cream cheese, softened
2 small packages instant vanilla pudding
8 ounces whipped cream
2 cups milk
Chocolate syrup

Boil water and butter; remove from heat. Add flour and extract. Stir until a ball forms. Add eggs, one at a time. Pour into 9x13-inch pan. Bake at 350 degrees for 30 minutes. Flatten with a spoon.

Beat cream cheese until smooth. Make pudding using milk. Add to cream cheese. When crust cools, spread cream cheese mixture on top. Cover with whipped cream and drizzle with syrup. Chill until ready to serve.

Donna B. Morrison, Dalmatia
Thelma Martin, Newmanstown

PECAN TASSIES

3 ounces cream cheese, softened
½ cup butter, softened
1 cup sifted flour
1 egg
¾ cup brown sugar
1 tablespoon butter, softened
1 teaspoon vanilla
Dash salt
⅔ cup pecans, chopped

Blend together cream cheese and ½ cup butter. Add flour. Chill 1 hour. Shape into 2 dozen balls. Place in small muffin tins.

Beat together remaining ingredients. Fill shells. Bake in 325-degree oven for 25 mintues.

Ida M. Condon
Lock Haven

"My husband, Dalton, has dairy cows. He farms Corner View Acres with his parents. They farm more than 130 acres. We have a son, Bradley, who is 9 years old and in the third grade. We also have a daughter, Kelly, who is 7 years old in the first grade at Richmond Elementary School. They both love school. Brad plays baseball and they both enjoy soccer very much. We enjoy doing special activities as a family."

Vickie L. Biehl
Kutztown

PISTACHIO PUDDING CAKE SQUARES

60 round butter-flavored crackers
¾ stick butter
2 tablespoons sugar
2 boxes pistachio instant pudding
3 cups milk
1 quart ice cream
Whipped cream

Crush crackers and mix with butter and sugar. Press into the bottom of a baking dish. Mix pudding, milk, and ice cream together with mixer. Beat until smooth. Pour over crumbs. Chill for 30 minutes until pudding is set. Top with whipped cream.

"I am 27 years old, am married, and have two children. I now live on a horse farm in Cochranville. In the past we always were on a dairy farm, and we love cows. My husband is the farm manager and works very closely with the horses; this gives him a hearty appetite! So I have to keep coming up with new recipes. This one is very good; the whole family loves it. By the way, my kitchen is full of cow magnets and other things with cows on them."

Sharon Nickle
Chocranville

AMAZING COCONUT PIE

2 cups milk
¾ cup sugar
½ cup biscuit mix
4 eggs
¼ cup butter
1¼ teaspoons vanilla
1 cup coconut

Put all ingredients into a blender. Mix on low for 3 minutes. Pour into a 9-inch pie pan. It forms its own crust. Bake 40 minutes at 350 degrees.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522.

June	
10-	Dairy Drinks
17-	Dairy Main Dishes
24-	Make It With Milk
July	
1-	Ice Cream

June is Dairy Month. The perfect time for using milk in luscious desserts.

CAKE & CUSTARD TREAT

1⅔ cups flour
1½ cups sugar
⅔ cup cocoa
1½ teaspoons baking soda
1 teaspoon salt
1½ cups buttermilk
½ cup shortening, softened
2 eggs
1 teaspoon vanilla
2 eggs
11 level tablespoons cornstarch
1 cup brown sugar
½ teaspoon salt
½ cup milk
2 quarts milk
4 teaspoons vanilla

Heat oven to 350 degrees. Beat first 9 ingredients on high speed for 4 minutes. Pour into greased oblong pan. Bake for 35-40-minutes. Cool. Beat 2 eggs. Add cornstarch, brown sugar, and salt. Mix with ½ cup milk. Pour into 2 quarts milk, which have been heated to boiling point. Stir constantly over low heat until it boils and thickens. Remove from heat and add vanilla. Cool. When ready to serve, break cake into 2-inch cubes and layer alternately with custard in large dessert dish.

Mrs. Eldon R. Martin
Abbottstown

QUICK-AS-A-WINK CHEESECAKE

1 graham cracker crumb pie crust
8 ounces cream cheese
⅓ cup sugar
8 ounces sour cream
2 teaspoons vanilla
8 ounces whipped cream

Beat cream cheese until smooth; gradually beat in sugar. Blend in sour cream and vanilla. Fold in whipped cream and spoon into crust. Chill until set, at least 4 hours. Garnish with fresh berries or fruit, as desired.

Norma Van Harn
Middleburg

(Turn to Page B8)

Featured Recipe

From the last lick of a frozen yogurt cone to the spoonful of fruit at the bottom of the container, yogurt is becoming America's favorite.

Buy it at the supermarket, in specialty food stores and in yogurt shops. Statistics show that per capita consumption of yogurt has increased from 2.56 pounds per person in 1980 to 4.60 pounds in 1987.

And now it's time to take yogurt beyond just eating it straight from the carton or soft-serve machine. Yogurt's perfection is most apparent in its culinary versatility. To exemplify this, the American Dairy Association has developed an all new recipe leaflet — "Make It with Yogurt." Yogurt is incorporated into a variety of recipes to show the limitless possibilities for using it as an ingredient in drinks, salads, soups, entrees and desserts.

One of the recipes included in this collection is Chocolate Orange Cheesecake. It's creamy, dense, chocolaty texture and slightly tangy taste will tempt even the plain yogurt purest! This and eight other equally delicious recipes are included in "Make It with Yogurt." For your copy send a self-addressed, stamped #10 envelope to: Middle Atlantic Milk Marketing Association, Make It With Yogurt, 216 Carroll Building, 8600 LaSalle Road, Towson, MD 21204.

CHOCOLATE ORANGE YOGURT CHEESECAKE

Yield: one 8-inch cake

Crust:
1 cup chocolate wafer crumbs
¼ cup (½ stick) butter, melted
¼ teaspoon ground cinnamon

Filling:
2 packages (8 ounces each) cream cheese, softened
1 cup sugar
3 eggs, at room temperature
1 tablespoon orange liqueur
2 teaspoons grated orange peel
1 tablespoon flour
1 container (8 ounces) plain lowfat yogurt
6 ounces semi-sweet chocolate, melted, cooled slightly

Preheat oven to 350 degrees F. For crust, combine all ingredients; mix well. Press onto bottom of 8-inch springform pan. Bake 10 minutes; cool. for filling, beat cream cheese and sugar in large mixer bowl until light and fluffy. Beat in eggs, orange liqueur and orange peel until well blended. Add flour, yogurt and chocolate. Mix until well blended. Pour into baked crust. Reduce oven temperature to 300 degrees F. Bake 60 to 70 minutes, or until cheesecake pulls away slightly from sides of pan. Turn oven off. Let cake cool in oven with door ajar 1 hour. Refrigerate several hours before serving. To serve, place cake on a serving plate. Run a thin knife around edge of cake. Carefully remove sides of pan.

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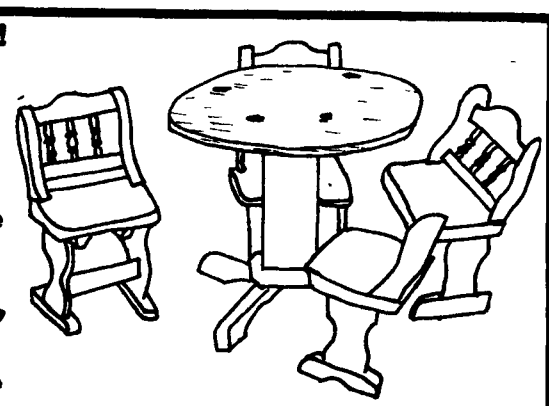

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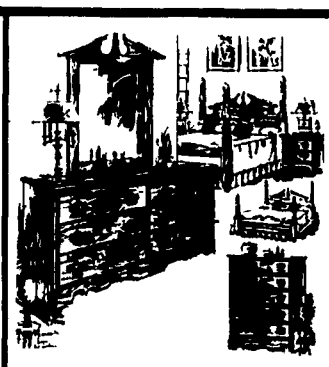

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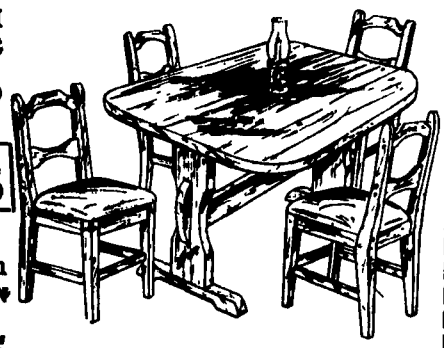

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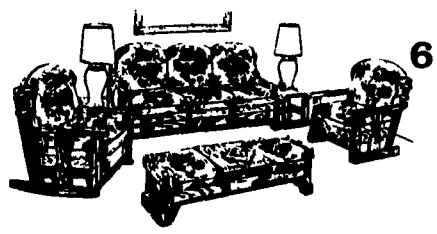

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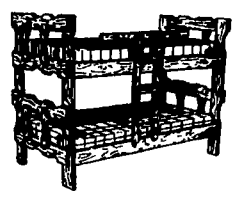

(Ladder At Foot of Bunks)

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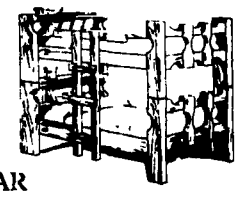

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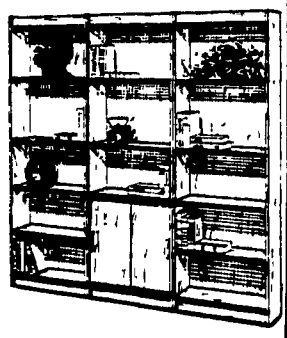

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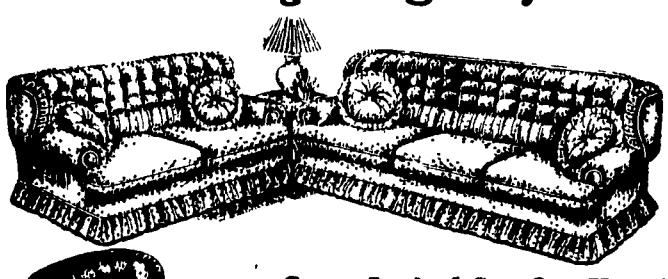

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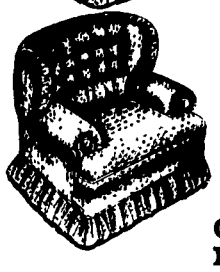

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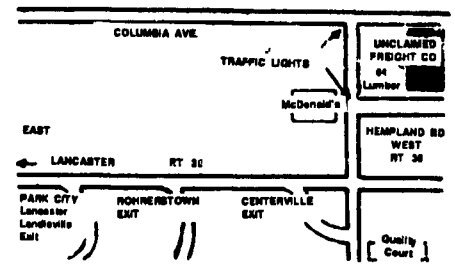

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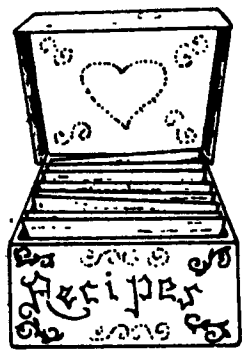

Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — Naomi Houston of Perkasie wants a recipe for the yogurt coating used on candy and nuts.

QUESTION — Susan Breckbill of Oxford requests a recipe for a yeast cheese bread.

QUESTION — Mrs. Gene Jennings of Fallston, MD requests a recipe for stewed tomatoes similar to that served by Bird-In-Hand and Leola Family Restaurant.

QUESTION JoAnne Hill of Lisbon, MD, would like a recipe to grill Delmonico steaks that taste similar to those made by Gibble's Restaurant, Greencastle.

QUESTION — P. Pflugfelder, Wyalusing, requests information on purchasing a quick-and-easy pattern for crocheted oval or heart-shaped throw rugs.

QUESTION — Nadine Stock, New Oxford, wants a recipe for Elephant Ears, a sweet fried dough served with a fruit or cinnamon-sugar topping.

QUESTION — Brenda Wenger, Ephrata, would like recipes using unsulfured baking molasses.

QUESTION — Betty K. Herschberger requests a recipe for broccoli salad.

QUESTION — Georgette Hunsicker, Bath, is looking for a recipe for a last-minute cake, that may have been called slop cake.

QUESTION — Mrs. Christ King, Kinzers, would like a recipe for lollipops.

QUESTION — Mrs. L.A. Kille, Bridgeton, NJ, requests a recipe for marinated chicken breasts.

QUESTION — Sondra Howell, Coatesville, requests a recipe for cooking fresh guinea hen that does not turn out tough.

QUESTION — A. J. Kannod of Monongahela would like to know how to poach eggs without having them stick to the bottom of the pan.

QUESTION — A. J. Kannod of Monongahela requests a low salt bean soup recipe and she'd like recipes using a stewing hen for a good chicken and noodle casserole or stew.

QUESTION — Nancy Kramer, Newmanstown, requests low cholesterol recipes, especially salad and main dish ones.

QUESTION — Marlene Grow requests a recipe for red velvet cake.

QUESTION — Susie Lutz, Shoemakersville, is interested in diabetic recipes, especially those that can be served at covered dish dinners and picnics.

QUESTION — Mrs. Rodman Webster, requests a recipe for sausage that tastes similar to that purchased at supermarkets.

ANSWER — Mrs. Christ King, Kinzers, would like a recipe for a tomato juice that tastes similar to V-8. Thanks to Mildred Vorndran, Webster, NY, who sent one that she has been canning for 43 years, and before that her mother had made it. "This is top choice," she writes.

Tomato Juice

1 bushel ripe tomatoes, stems removed and cut into chunks
4 to 5 large onions, sliced
1 bunch celery with leaves, cut into 2-inch pieces
5 to 6 peppers, seeds removed and cut into 2-inch pieces

Put the vegetables into several kettles and cook until tomato skins begin to roll off. Put through food mill. Keep all strained juice into one large container. Flavor to taste with salt, approximately 5 to 6 tablespoons salt 4 to 5 tablespoons sugar. Stir well and taste. Add more sugar and salt if preferred. Pour into pint or quart jars. Seal with new lids and rings. Place in hot water bath and boil for 30 minutes. Yields about 16 to 20 quarts, depending on ripeness of tomatoes. Recipe can be cut in half or quartered, if preferred.

ANSWER — Eileen Polk, Hamilton, VA, wanted recipes using mulberries. Thanks to Rachel Martin, Bethel, for sharing one of hers and tips for harvesting.

Rachel writes that she enjoys combining mulberries in recipes with sour cherries, blackberries, rhubarb, or tart apples. She harvests mulberries by spreading large plastic or fabric sheets or old quilts under the tree and shaking the branches. She then gathers the sheets and puts the fruit into containers. After cleaning the fruit she cans the berries with a high acid content fruit.

Mulberry Pie

4 cups mulberries
¼ to⅓ cup honey or ½ cup sugar
2 tablespoons flour
2 eggs
½ to 1 cup yogurt
Lemon or lime juice or flavoring

Put the mulberries in an unbaked pie shell. Mix the other ingredients and pour over berries. Use about ¼ cup lemon or lime juice. Top with crumb mixture of oatmeal, wheat germ, butter and a little sugar. Bake in 350-degree oven until done. Also good with water as substitute for eggs and yogurt. Tapioca may be used to thicken it.

ANSWER — Julie Martin, Chambersburg, requested a recipe for mustard or golden eggs. Thanks Carolyn Nesbitt, McConnellsburg, for answering.

Yellow Pickled Eggs

2 cups vinegar
1 cup sugar
1 teaspoon salt
1 tablespoon celery seed
½ cup water
2 tablespoon mustard
1 tablespoon mustard seed
2 tablespoons minced onion
Few drops yellow food coloring

Bring to boil and simmer for 10 minutes. Hard cook eggs, cool and peel. Store in pickled mixture at least 3 days before serving.

ANSWER — Joan Sarver, Springfield, VA, requested recipes using asparagus. Thanks to Arlene Martin, Shippensburg; Anna Martin, Reinholds; and several anonymous readers.

Creamed Chicken With Asparagus

1 tablespoon butter
2 tablespoons flour
2 teaspoons instant minced onion
¼ teaspoon seasoned salt
1½ cups milk
2 cups chopped cooked chicken
1 cup, 4-ounces shredded Cheddar cheese

In saucepan, over low heat, melt butter; stir in flour, onion and salt until mixture is smooth. Remove from heat; stir in milk. Heat to boiling, stirring constantly. Boil and stir one minute. Stir in chicken and ½ cup cheese. Heat until cheese is melted and chicken is hot. Serve ½ cup creamed chicken over asparagus spears topped with two tablespoons cheese.

Asparagus Casserole

15 to 20 tips of asparagus, cooked
5 hard boiled eggs

White sauce:
1½ cups milk
2 tablespoons butter
4 tablespoons flour

Cook mixture over medium heat until thickened; add 1 teaspoon salt and ⅛ teaspoon pepper

Crumbs:

Brown 1½ cups bread crumbs in 2 tablespoons butter. Place ½ of crumbs on bottom of casserole. Add cooked asparagus and chopped eggs alternately. Pour white sauce over the mixture. Top with crumbs. Bake at 350 degrees for ½ hour.

Asparagus Casserole

5 potatoes
2 cups asparagus
¼ cup butter
2 onions
4 slices cheese
Salt and pepper to taste

Slice potatoes. Put in baking dish. Dice onions and put on top of potatoes. Layer asparagus on top. Dot with butter and season. Cover and bake 45 minutes in 325 degree oven. Lay cheese on top and melt before serving.

Asparagus

Cook asparagus until soft and remove from cooking water. To this water, add Velveeta cheese. Thicken with a light flour and water paste. Pour over asparagus and toasted bread cubes in serving dish.

(Turn to Page B9)

Delicious Eating

(Continued from Page B6)

"We are the Ransomed Ransoms of Nicolson: Leni and LuAnn, sons, Bradley, Timothy, and Aaron, Grandma Lois, and Great-Grandma Stella. We have a Holstein dairy operation. We milk between 70-80 cows and raise our own calves. We have three Australian shepherds, Peppermint Patty, Snoopy and Sidney.

"We are home schoolers and would love to hear from any other home educators. We call ourselves the Ransomed Ransoms because Jesus Christ ransomed us when he went to Calvary for our sins."

LuAnn Ransom Nicholson

CHEESECAKE COOKIES

1 cup butter
1 cup brown sugar
2 cups flour
1 cup walnuts, chopped
2 (8-ounce) packages cream cheese, softened
2 eggs
½ cup sugar
2 teaspoons lemon juice
4 tablespoons milk
1 teaspoon vanilla

Mix butter, brown sugar, flour and walnuts. Reserve 1 cup for topping and press remaining mixture into a 9-inch pan. Combine remaining ingredients. Pour over crust. Sprinkle with reserved crumbs. Bake at 350 degrees for 35 minutes. Cut when cool.

YUMMY CHEESECAKE CUPCAKES

2 cups sugar
½ cup cocoa
2 teaspoons baking soda
⅔ cup oil
3 cups flour
2 teaspoons vanilla
2 tablespoons vinegar
2 cups water

8 ounces cream cheese
1 egg
½ cup sugar
Dash salt
12 ounces chocolate chips

Mix together first 8 ingredients. Mix together remaining ingredients. Fill cupcake pans ½ full of batter followed by 1 teaspoon cream cheese mixture. Bake for 20 minutes in 350-degree oven. Store in refrigerator after cooled. Makes 2 dozen.

Karen Mohn
Womelsdorf

CHOCOLATE COOKIE ICE BOX DESSERT

30 chocolate sandwich cookies
8 ounces cream cheese
2 cups confectioners' sugar
⅔ cup peanut butter
1 cup milk
12 ounces whipped cream
½ -1cup peanuts, chopped

Crumble cookies into 9x13-inch pan. Mix together cream cheese, sugar, peanut butter, and milk. Fold in whipped cream. Top with peanuts. Freeze. Defrost in refrigerator.

Eileen Schuler
Fleetwood

CUT-OUT COOKIES

1 pound confectioners' sugar
1 pound butter
8 cups flour
2 teaspoons baking powder
6 eggs, beaten lightly
1 teaspoon baking soda dissolved in vinegar

Mix ingredients and chill dough. Roll out thick. Cut and bake at 425 degrees until browned.

Mrs. Carl Christ
Pine Grove

(Turn to Page B9)

Question Corner

(Continued from Page B8)

ANSWER — Joan Woodricks of Trenton, NJ, requested a recipe for baked french toast. Thanks to Esther Kurtz of Elverson, Joyce Weaver of Womelsdorf, Terry Lerew of Gardners, and Julie Martin of Chambersburg for sharing theirs.

Oven French Toast With Nut Topping

1 12-ounce loaf French bread, cut into 1-inch slices
8 large eggs
2 cups milk
2 cups half-and-half
2 teaspoons vanilla
½ teaspoon nutmeg
½ teaspoon cinnamon
½ teaspoon mace
¾ cup butter, softened
1⅓ cups brown sugar
3 tablespoons dark corn syrup
1⅓ cups coarsely chopped nuts

Heavily butter 9x13-inch pan. Fill with bread slices to within ½ inch of top. Set aside. In blender, mix eggs, milk, half-and-half, vanilla, nutmeg, cinnamon, and mace. Pour mixture over bread slices. Refrigerate, covered, overnight. Make topping by combining remaining ingredients; set aside until time to bake toast. Spread topping over toast; bake at 350 degrees for 50 minutes until puffed and golden. Shield top with foil if top browns too quickly. Serves 8-10.

Oven French Toast

6 slices white bread
3 eggs
¾ cup milk
1 tablespoon sugar
¼ teaspoon salt
2 tablespoons butter

Heat oven to 500 degrees. Beat eggs, milk, sugar, and salt until fluffy. Dip bread into egg mixture and arrange on buttered baking sheet. Bake about 8 minutes on each side or until golden brown.

ANSWER — Marie Sarver, Millerstown, requested recipes for cream of asparagus and cauliflower soups. Thanks to Bonnie Wentworth, Quarryville; Wilma Epler and Martin Roy, Warrenton, VA; Beatrice Bay, Muncy; and others for answering.

Cream Of Asparagus Soup

1 pound fresh asparagus
2 cups chicken broth
2 tablespoons chopped onion
1 cup milk
Freshly ground pepper

Wash asparagus and cut into pieces. Cook in chicken broth and onions until tender. Puree in a blender or food processor. Return to pan and add milk and pepper. Reheat.

If a thicker soup is desired, melt 2 tablespoons butter in a large pan. Add 2 tablespoons flour and cook until smooth. Slowly add milk. Add the asparagus puree and reheat until thickened.

Cream Of Cauliflower Soup

1 whole cauliflower
2 tablespoons butter
4 tablespoons flour
4 cups chicken stock
Seasoning and nutmeg
1 cup cream
2 egg yolks, beaten
Parsley

Divide the cauliflower into small pieces, discarding the green leaves and wash well in salted water.

Melt the butter in a havey bottomed saucepan, remove from heat and thoroughly stir in the flour.

Return the saucepan to the heat and cook for one minute.

Gradually stir in the stock. Add the cauliflower and bring to a boil. Reduce heat and simmer for 30 minutes.

Sieve the soup or puree in an electric blender. Season to taste with salt and pepper. Add a pinch of grated nutmeg. Add cream and egg yolks.

Reheat the soup and stir constantly until it thickens.

Garnish with parsley.

Delicious Eating

(Continued from Page B8)

OKLAHOMA CAKE

2 cups sugar
2 teaspoons baking soda
½ teaspoon salt
1 cup chopped black walnuts
2 cups flour
2 eggs
1½ teaspoons vanilla
20 ounces crushed pineapples and juice
1 stick butter
1 large package cream cheese
1½ cups confectioners' sugar
1 teaspoon vanilla

Blend first eight ingredients in a bowl. Pour into a greased 9x13-inch pan. Bake in 350-degree oven for 40-45 minutes. Let cool. Beat remaining ingredients and ice cake. Sprinkle with nuts if desired.

Ruth Johnson
Delta

CHEESE CAKE

1 cup sugar
2 eggs, separated
1 cup milk
1 package gelatin
¼ cup cold water
16 ounces cream cheese
1 cup whipped cream

Cook sugar, egg yolks, and milk together 3 minutes. Dissolve gelatin in water and add to cooked mixture. Add softened cream cheese. Beat egg whites until stiff. Whip cream and mix all together. Pour on top of a graham cracker crust. Chill.

Rachel Lantz,Lititz
Naomi Ann King, Lititz

(Turn to Page B18)

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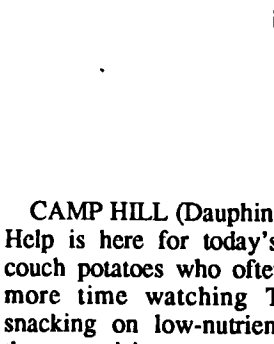
An interactive program for children and their teachers (parents, educators, community leaders), Super You focuses on good nutrition and appropriate levels of activity for 9-11 year olds in the context of total fitness. Since 1980, more than half of children ages 6-17 have failed to meet the physical performance standards for healthy children set by the President's Council on Physical Fitness and Sports.

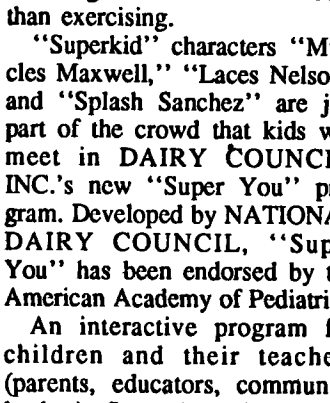
"In studying existing fitness programs for kids, we found that they almost always focused on exercise and ignored diet — yet the two are virtually inseparable when talking about overall fitness," Jan Stanton, Dairy Council's Executive Director, points out. "At Dairy Council we realize that if we are committed to total health, we also need to address today's reality that children are becoming increasingly sedentary. We must deal with the fact that children are spending an average of 24 hours a week in front of the TV or computer, often consuming high-calorie, low-nutrient snacks."

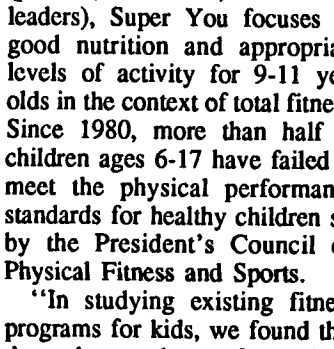
In the 24-page, colorfully-illustrated children's workbook, "Super You: A Guide to Getting Fit and Staying Fit," six Superkids and their dog Sport invite readers to become Superkids too — by eating from the four food groups and being active. Kids are introduced to nutritious snack recipes and activities to build endurance, strength and flexibility. A Superkids poster illustrates the main concept of the children's booklet and can be hung in a gym, locker room, cafeteria or child's bedroom.

A book for adults is also part of the program. "Get Moving, Get Eating, Get Fit: An Adult's Guide to Activity and Nutrition for Children," provides information on the nutrient needs of 9-11 year olds, tips for helping children eat well and how to motivate and teach children to be involved in more physical activity.

The Super You program is now available through Dairy Council Inc., 355 N. 21st St., Camp Hill, PA 17011. For more information contact your local dairy council office.







Color all boxes with a Milk Group food blue

How many servings do you need from the Milk Group each day?

I need at least

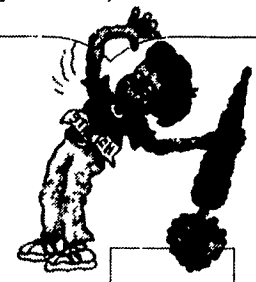
Color all boxes with a Meat Group food red

How many servings do you need from the Meat Group each day?

I need at least

Color all boxes with a Fruit-Vegetable Group food green

How many servings do you need from the Fruit-Vegetable Group each day?



I need at least

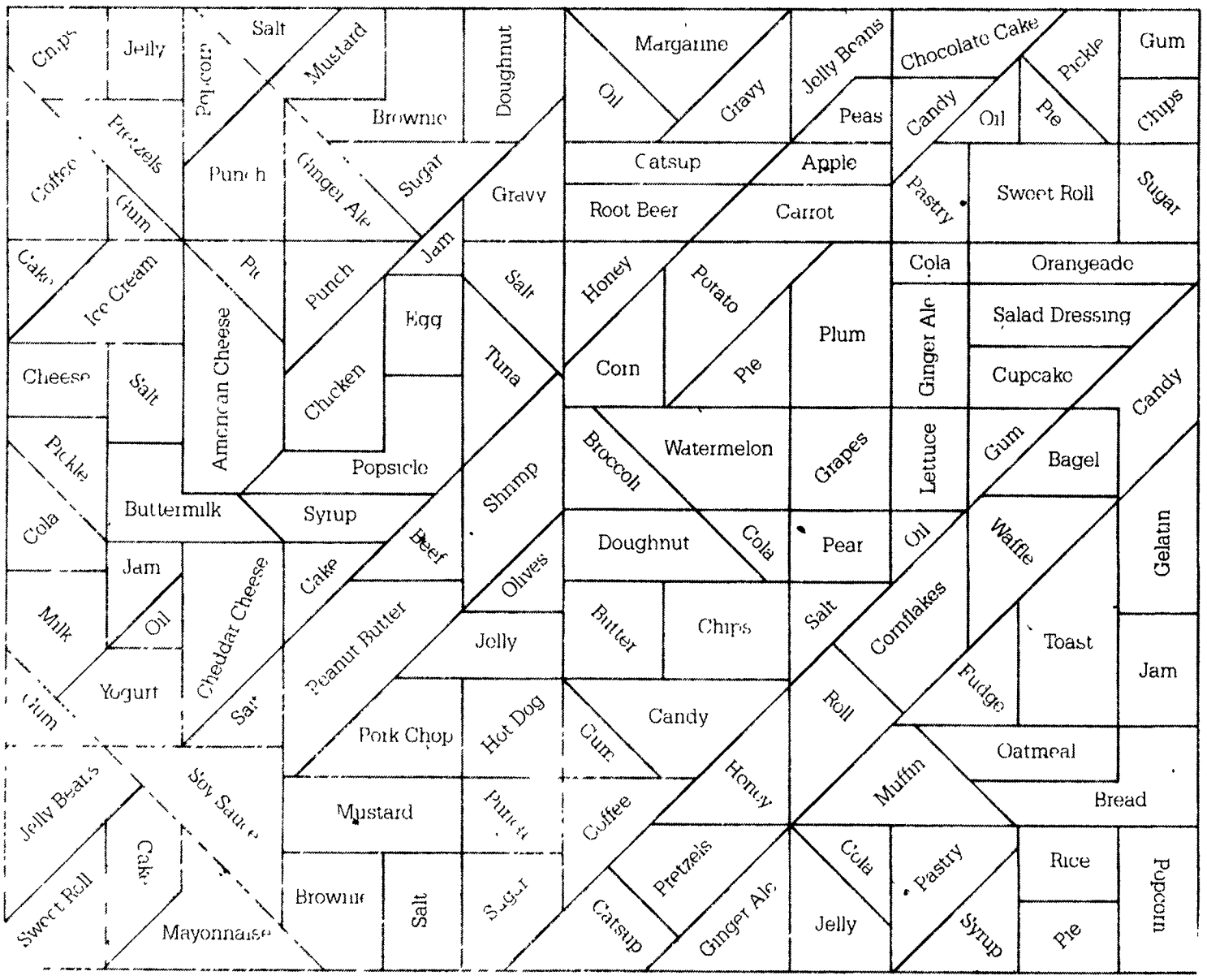
Color all boxes with a Grain Group food yellow

How many servings do you need from the Grain Group each day?

I need at least

If you're 11 or older, you need

Each food group helps you stay healthy in a different way. You need to eat from the Four Food Groups. You also need to eat **enough servings** from each group every day.



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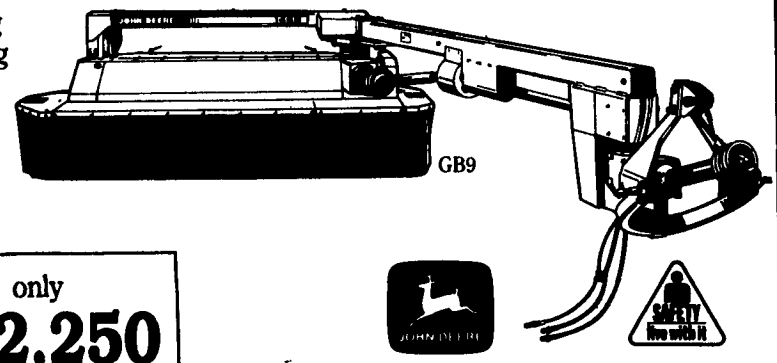

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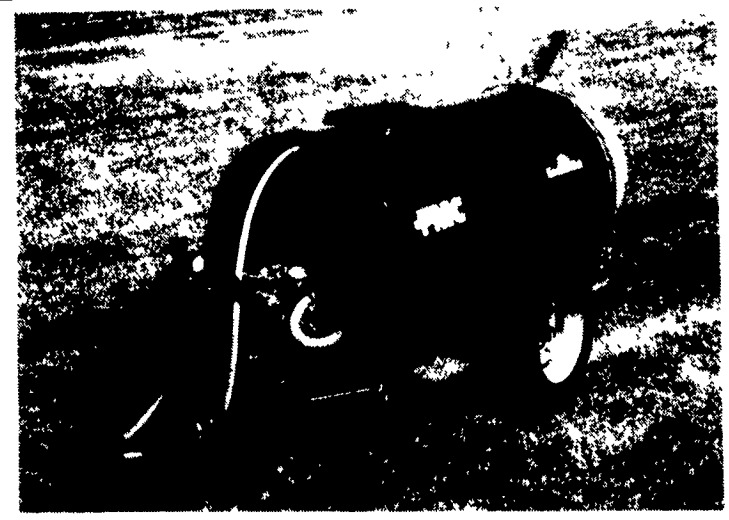

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Have You Heard?

By Doris Thomas
Lancaster Extension
Home Economist

INTIMACY DEFEATS ISOLATION

Intimacy, the bond of affection and caring between two people who share an open honest relationship, is an important part of anyone's emotional health. Gerontologists maintain that intimate relationships can be epecially important to help older people lessen the pain from losses that accompany aging. An intimate spouse or friend can help an older person cope with physical decline, deaths of friends and family members and other significant life changes.

The most common type of intimate relationship occurs in married couples, whose long years of togetherness results in special ease and closeness. Unfortunately, time together does not alwasy result in an intimate bond. Research shows that couples may pull apart during periods of high stress such as retirement or the departure of the last child from the house. Many married women form intimate relationships with friends or other family members to fill the void left by an unfulfilling marriage.

Some older people lack intimate relationships after the death of their spouse or close friends. Lack of intimacy results in loneliness and, in many cases, isolation. Research suggests that recently widowed men are at high risk for loneliness. Many of them depended on their wives to provide support and social interaction, and as widowers, find themselves devoid of social relationships and intimacy. Other factors that put older people at risk for loneliness include: difficulty in getting out of the house to pursue friendships; lack of transportation to social settings; infrequent contact with children or other relatives; and caregiving responsibility for a frail relative.

To combat loneliness in any situation, older people must be willing to actively seek the companionship of others. Gerontologists say that older people should attempt to create situations where they may interact or have contact with other people. Some suggestions include: invite a minster, priest, or rabbi to visit; write letters to old friends; get in touch with family members over the phone; look into participating in a local senior citizen's center. Many centers provide free transportation, and some offer programs where volunteers regularly visit the homebound.

PLAN FOR NUTRITIOUS SNACKS

Regardless of your age, nutritious snacks planned as part of the day's food can be important in meeting nutrient needs.

Small children need snacks because they can eat only small amounts of food at each meal. Mid-morning and mid-afternoon snacks help them get protein, viatmins, minerals, and calories their growing bodies need.

Teenagers may need snacks. Their nutrient and calorie requirements are high because they are growing rapidly and are physically active.

Adults may need snacks to supply nutrients they miss when regular meals lose out to a busy schedule.

Plan ahead to make each snack something you like that's nutritious, too. Choose those foods that are lower in fat, cholesterol, sugars, and sodium than standard snack fare. Or, make adjustments for the "extra" fat, sugars, or sodium in a favorite snack by reducing these substances in other foods eaten during the day.

Here are tips to help you choose nutritious snacks:

•Stock your pantry and refrigerator with plain popcorn, wholegrain crackers, unsweetened fruit juices, fresh fruits and vegetables, plain low-fat yogurt.

•Choose snacks that provide dietary fiber as well as other nutrients. Fresh fruits with edible seeds (berries) or skins (apples, nectarines), dried fruits, raw vegetables, and whole-grain breads or crackers (whole wheat or rye) are good sources of dietary fiber.

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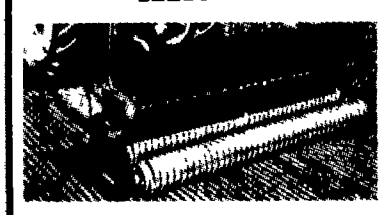
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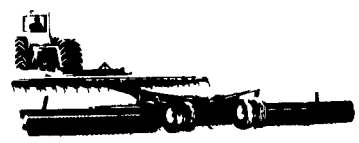
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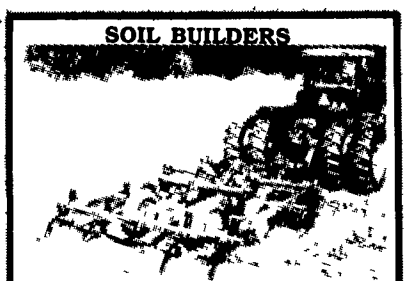
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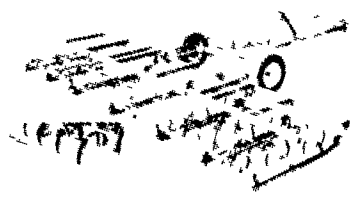
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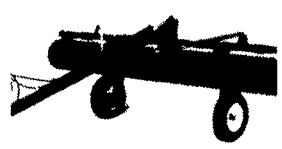
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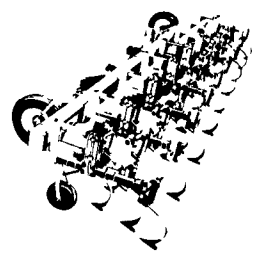
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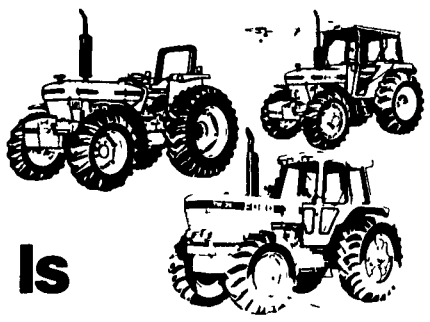

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WE SALUTE ALL IN THE DAIRY INDUSTRY

A passion for learning and creating steered Rhoda Oberholtzer into floral designing. Her creations and those of her employees are now sold wholesale across the U.S. and retailed in the six stores of Stauffer's of Kissel Hill.

From Hobby To Manufacturing: Floral Designs To Buy Or Create

BY LOU ANN GOOD

MANHEIM (Lancaster) — In a farmhouse tucked on the south side of Manheim, Rhoda Oberholtzer manages a thriving floral manufacturing business.

A passion for learning and creating steered her into floral designing. When her second son was born, the desire to learn new skills inspired Rhoda to take a flower arrangement course through a local flower and garden club.

Intrigued with the endless possibilities, Rhoda designed fresh arrangements for her home every weekend. Then she put some in the family store, Stauffer's of Kissel Hill.

The store, which had its beginnings as a roadside stand in 1932, is on of the most impressive groceries around. From its fresh fish department to the garden department, SKH promises quality to both local and distant clientel.

Rhoda recalls, "There were twelve children in our family. As soon as we could count, we began working in the store. At age 21, each child was given an opportunity to come into the business. Each was encouraged to develop a different area of expertise.

A teacher by nature, Rhoda offered a flower design class in the basement of the store. Two hundred people attended her first demonstration held in 1964.

Swamped by the teaching, buying, and arranging, Rhoda hired others to buy trims, plants, crafts and teach. Today, Rhoda manages both the flower manufacturing business and the craft departments.

Thirteen employees assist her in growing herbs and flowers, drying, dyeing, painting and designing products that are shipped across the country, but the main bulk of them are sold in Stauffers of Kissel Hill's six stores.

"We have excellent employees whom we encourage to participate in all the classes we offer so that they can help customers with requests," she said.

In 1956, Rhoda's husband, Jay, and her brother, Roy, had bought the store, which is now a corporation.

Today the Kissel Hill stores are known for their extensive craft selection of art, floral, needle and basic craft supplies at outlet prices.

Rhoda said, "I think we are best known as the only place that offers customers the choice of buying either the craft supplies or the finished project, plus we offer workshops and assistance to customers needing instruction.

The stores are a craft person's delight. Shelves and walls display both supplies and finished crafts.

At first, Rhoda purchased supplies to complete the crafts, but now much of it begins in the floral manufacturing building.

Every week day during the growing season, flowers are gathered for the pressed flower arrangements. They are placed in dyes in a wide arrangement of colors.

"The flowers need to be cut during the bud stage or they open too far, Rhoda said. The recent raining season has made it difficult to get the flowers at the most productive stage. "You cannot pick them when they are wet," Rhoda stressed. This sometimes results in picking them after dark and at other odd times.

After picking, the flowers are immediately stuck in a solution of dye, where depending upon the flowers' thirst, they remain for several hours.

After dyeing, the stems are cut off and the flowers are placed on trays that are pressed with heavy covers tightened with screws. Some are allowed to dry at room

(Turn to Page B16)

Taking a top national award, the design titled "Praying is communicating with God," depicts driftwood shaped like praying hands. This is one of the original designs Rhoda Oberholtzer uses in the more than 900 demonstrations she gives on flower arranging and scriptural interpretation.

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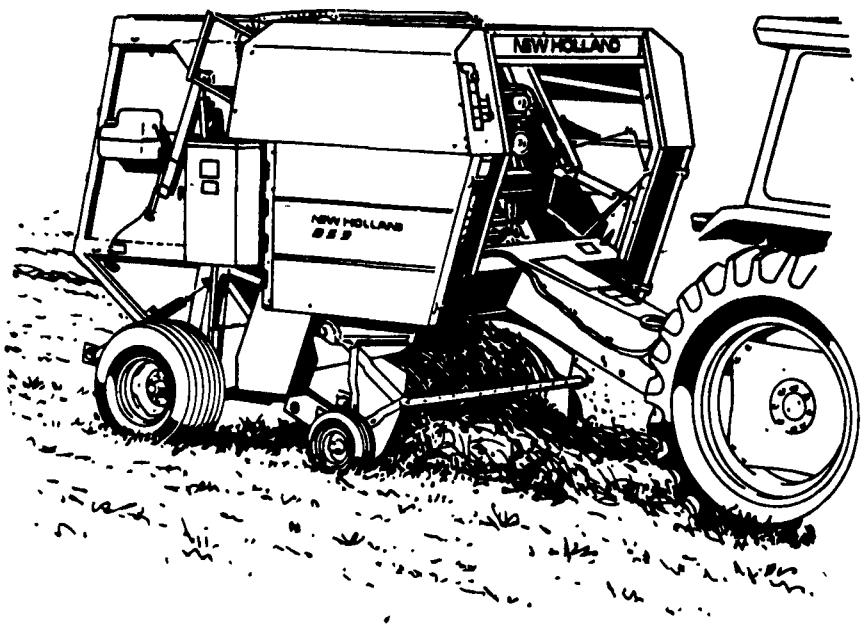

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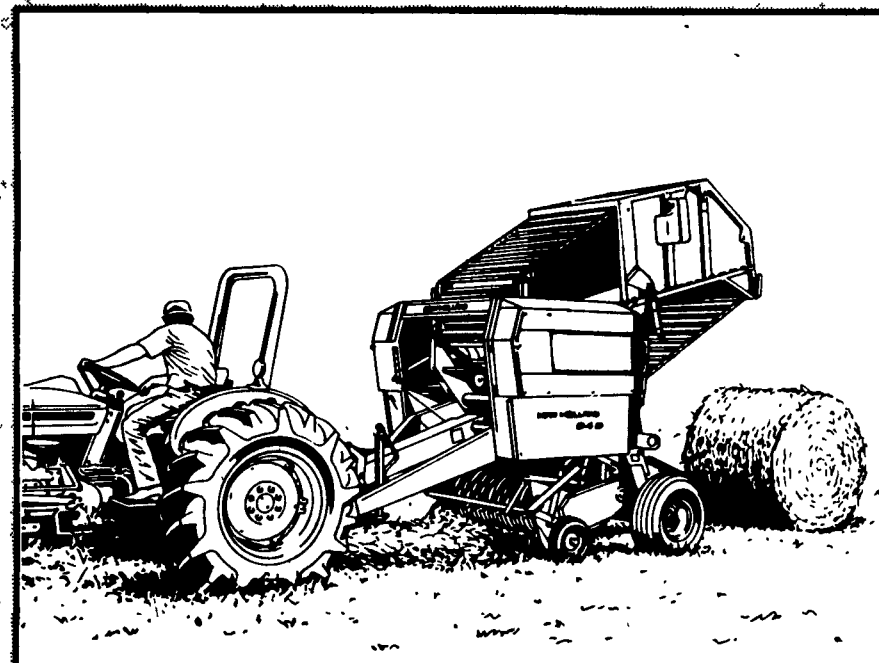

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Artist Diane Houser puts the finishing touches on a cow. The artists do not follow patterns, but paint freehand. They are encouraged to experiment and come up with creative ideas for new projects.

From Hobby To Manufacturing

(Continued from Page B14)

temperature, others are placed in a well-heated room for quick drying.

In addition to growing much of their own flowers, SKH relies upon local families to supply them with strawflowers, statice and other varieties. They also have growers in California. Tractor and trailers transport the flowers fresh to the Manheim farm where they are dried.

Employee Jeanette Menzler designs personalized orders by arranging dried flowers around wedding and graduation invitations and other formal announcements.

Orders for these are taken to SKH stores or mail-ordered. Prices range from $25 to $75 depending on the size and design requested.

Herbs are also dried. Recently they harvested 1,200 bunches of chives. It's imperative to harvest them at the proper maturity time. When cut in bud form, they burst open while drying. If the buds are already opened when harvested, they do not keep well and are not as attractive.

Interspersed among the dry flowers are silk flowers and dried apple slices that have been steamed for a fresh look and for pliable use.

Employees design wall hangings, door decorations and centerpieces. The designers are encouraged to be creative and try new ideas. Rhoda, who originally made all the designs that were copied by employees, is proud that her employees come up with many stunning crafts.

At the manufacturing center, painters do all their work free hand. They paint on papier mache, baskets, wood, canvas, straw hats and other surfaces. Currently one of the hot items is painting the personalized graduate bear on concept wood (pecan shells that have been crushed and molded into 200 different shapes and sizes). For these, customers order the bear in their school's colors for the cap, tassel, gown, scarf and diploma. The year and school name is inscribed on it.

Another hot item is the wooden gingerbread shapes that are painted to represent boys and girls with perky faces and sparkling eyes. Spanish moss is glued on for hair and the girl's pony tails are tied with ribbons.

The floral center also manufactures their own potporri from dried petals and bark. The kind used in heated containers have a spice base, while those used dry have a floral base.

The workshops are now in their 25th year. New ones are added; outdated ones are dropped.

"Our goal is to watch trends and the interest level of our customers to keep our classes current," Rhoda said. "We have seven buyers who are always attending product shows and keeping up with craft ideas and supplies. We try to run low on the profit line and sell in volume."

Workshops offered include the following: floral designs, topiaries, wreaths, baskets, oriental, lily pond, wedding design, planning a herb garden and using herbs, grass sculptures, dolls, victorian designs, tole, folk art painting, furniture, wearable art, creative twist vegetables, bow making, stenciling, preserved apple roses, wreaths and children's classes.

Rhoda said, "We are well aware that others copy our ideas for their shops. Sometimes we pay hundreds of dollars to fly a person in from the west coast to teach us a new craft. To see competitors taking pictures or sketching the projects may seem unfair, but our philosophy is "if you share, you receive."

She added, "I find much joy in seeing people enjoying crafts they learned to make through SKH classes."

Rhoda is also in demand as a public speaker for garden, flower and for church groups. She developed a program demonstrating flower designing using scriptural interpretation. "The 1970s was a time of spiritual renewal," Rhoda said. "And, as I arranged flowers, the parallels between scripture and flower principals came to me."

Today, she has given that program more than 900 times to all denominations and groups across the U.S. and Canada.

"I never get tired of giving it. It's an inspiration to me every time I give it."

Custom work is performed by Jeanette Metzler and other designers for those who send wedding invitations and other formal announcements to the SKH stores. This invitation has dried and silk flowers arranged around it. The invitation will be placed in a window box frame. Many other frames and arrangements are available. Prices range from $25.95 to $79.

Betty Ross holds a rose fashioned from preserved apple slices. These, like many other items, are original ideas from the creative employees of the Floral Manufacturing Division of Stauffer's of Kissel Hill.

June is dairy month

Chore-Time's ULTRAFLO® feeder can free you from your chains

We have probably been too modest up to now about the merits of our new generation ULTRAFLO® cage feeder vs. the old style chain feeders some of our competitors are still trying to sell you. In fact, the only negative comments about our feeder come from our competition, not our customers. So we would like to point out the bare facts:

FEED SAVINGS: On-farm results show a feed savings of ½ lb. per 100 birds per day – over $10,000 per year savings on a 100,000-bird house. Year after year.

TROUBLE-FREE DESIGN: Our feeder has only two moving parts – the one-piece auger plus each drive wheel; their chain has more. Our corners are heavy 12 ga. zinc plated tubing for long life; their corners have a reputation for trouble and short life.

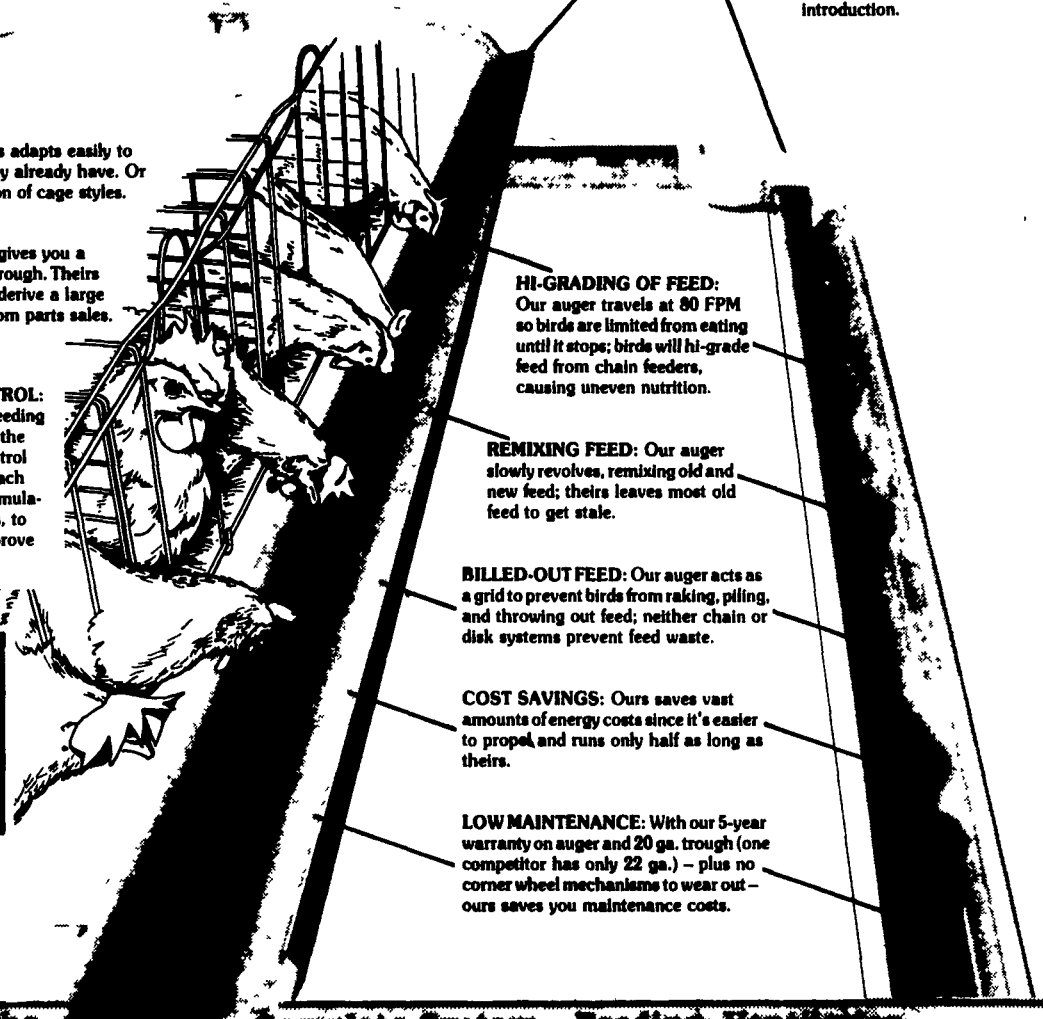
PROVEN DESIGN: Over 10 million birds are already on our feeder worldwide. Also, it was proven in 5 years of on-farm testing before introduction.

EASY ADAPTABILITY: Ours adapts easily to existing cage systems you may already have. Or choose from our wide selection of cage styles.

5-YEAR WARRANTY: Ours gives you a 5-year warranty on auger and trough. Theirs doesn't. In fact, their dealers derive a large percentage of their income from parts sales. Ours don't.

MICROPROCESSOR CONTROL: Our control lets you program feeding time to the second, to match the exact time of one circuit. Control number of feedings, time of each feeding – also 10-second "Stimulation Cycles" between feedings, to minimize separation, and improve your birds' feed intake.

SIMPLE OPERATION: "Push-pull" Power Units with ⅓ or ½ HP motor are located in a cage, have hardened steel gears for trouble-free operation.



HI-GRADING OF FEED: Our auger travels at 80 FPM so birds are limited from eating until it stops; birds will hi-grade feed from chain feeders, causing uneven nutrition.

REMIXING FEED: Our auger slowly revolves, remixing old and new feed; theirs leaves most old feed to get stale.

BILLED-OUT FEED: Our auger acts as a grid to prevent birds from raking, piling, and throwing out feed; neither chain or disk systems prevent feed waste.

COST SAVINGS: Ours saves vast amounts of energy costs since it's easier to propel and runs only half as long as theirs.

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Strasburg Remembers Pennsylvania Railroad

STRASBURG (Lancaster) — The history of the Pennsylvania Railroad will be the focus of an action-filled railroad weekend in Strasburg, June 17-18, sponsored by the Railroad Museum of Pennsylvania and the Strasburg Rail Road.

The highlights of the weekend will be the operation of a vintage steam powered Pennsylvania Railroad freight train and special "mixed" trains, including both passenger and freight cars, on the Strasburg Rail Road. Both trains will feature vintage locomotives and cars from the Railroad Museum of Pennsylvania collections, vividly recreating the nostalgic sights and sounds of branch line railroading fifty years ago. The special trains which use authentic vintage freight and passenger cars will augment the regularly scheduled passenger trains on the Strasburg Rail Road throughout the weekend.

At the Museum, the weekend's events will focus on celebrating the 50th Anniversary of the Pennsylvania Railroad's historical locomotive and railcar collection, which now forms the heart of the exhibits at Strasburg. In 1939, in an effort to assemble a collection of historic steam locomotives and railroad cars for display at the New York World's Fair, the Pennsylvania Railroad began a tradition of historic preservation which carried through the steam era into the 1960's. The historic collection, which grew during the 1950's to include many of the major types of steam motive power on the Pennsylvania Railroad, was stored at Northumberland, Pennsylvnaia until it was moved to Strasburg for display in the late 1960's.

In observance of the 50th Anniversary of the formation of the collection, the Museum plans special Pennsylvania Railroad tours of the Museum and yard, cab tours of steam, electric and diesel locomotives, the screening of numerous railroad films, the dedication of a new exhibit entitled, "The Standard Bearers: Presidents of the Pennsylvania Railroad 1846-1968," and a screening of "The World of Tomorrow," a video presentation on the 1939-40 New York World's Fair.

In addition, slide shows throughout the weekend will trace the history of the Pennsylvania Railroad and its historical collections.

All seats aboard the special mixed trains are available on a first-come, first-served basis. (Visa/Mastercard) Ticket orders will be accepted by telephone at (717) 687-7522.

For more information, contact the Railroad Museum of Pennsylvania at P.O. Box 15, Strasburg, PA 17579 (717) 687-8628.

June is dairy month

JUNE IS DAIRY MONTH

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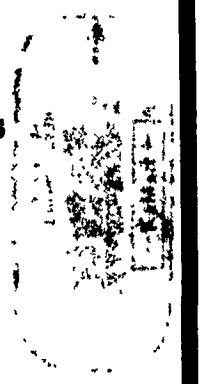

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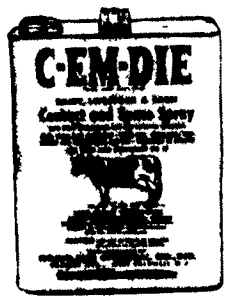

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Celebrate Dairy Month With Delicious Eating

(Continued from Page B9)

ONE EGG BANANA CAKE

2 cups flour
1¼ cups sugar
1 teaspoon baking soda
1 teaspoon baking powder
1 teaspoon salt
⅓ cup shortening
⅓ cup sour milk
1 cup mashed banana
1 teaspoon vanilla
1 large egg

Sift dry ingredients together. Add remaining ingredients and beat for 2 minutes. Bake at 350 degrees for 30-35 minutes. Use to greased round pans or one 9x13-inch pan.

Kathy Jessick
Elysburg

COCONUT CUSTARD PIE

2 cups sugar
1 tablespoon cornstarch
1 tablespoon flour
2 teaspoons vanilla
6 eggs, separated
2 cups coconut
5 cups boiling milk

Combine all ingredients except egg whites. Beat egg whites until stiff. Fold into milk mixture. Pour into 3 8-inch unbaked pie shells. Bake at 350 degrees for one hour.

Mary S. Esh
Myerstown

"Lester and I have lived on a small hilly farm in West Virginia all our married life. I've milked all those years. In the beginning, we sold cream and butter, then butter and cheese and just milk for our own use. We have 2 registered Jersey cows right now that our son got us started on when he was in FFA in high school.

We had 6 sons (our oldest died three years ago) and no daughters. We have 13 grandchildren. The boys are all married and gone. We are retired but continue to try to farm some. I guess we're going to have to slow down though, as my husband is down with a hurt back from pulling a calf through the barn."

Maude Burns
St. George, W.Va.

TUNA SUPPER DISH

½ cup butter
½ cup flour
3 cups milk
Salt, pepper to taste
6½ -ounce can tuna, drained
1-2 cans peas, drained

Melt butter in heavy pan. Blend flour into melted butter and allow to simmer for one full minute. The trick here is to remove the pan from the heat to add the cold milk. Bring pan back to medium heat and stir until sauce begins to bubble. Salt and pepper to taste; add tuna and peas. Bring only to boiling stage and serve immediately on hot buttered toast.

Maude and Lester Burns on their 50th wedding anniversary.

The Stoltzfuses from Coatesville.

"A friendly hello from Sadsburryville, Chester County. Sam and I along with our two children, Jay Richard, 4, and Beverly, 2, enjoy farm life. Corn is our main crop, then hay, wheat, and soybeans. We milk 34 cows and raise all our heifers. Jay Richard and Beverly help with calf feeding."

Marian Stoltzfus
Coatesville

SOUR CREAM POTATOES

1 cup water
1½ cups potato flakes
½ teaspoon salt
1 cup milk
2 tablespoons butter
1 cup sour cream
Dash pepper and season all

Bring water to boil. Add butter, seasonings, and potato flakes. Remove from heat and add milk. Stir mixture and add sour cream.

The Cayle Family from Lebanon.

"My late Grandma, Eleanor Hutter, used to make chocolate pie for my brother, Jerry Hutter. Now I try to make it for him. I never have to worry about leftovers as my brother eats a lot as do my husband and four sons, ages 3, 5, 12, 15. I like this pie when it is made in the early afternoon and allowed to cool to room temperature by supper."

Sharon E. Cayle
Lebanon

CHOCOLATE MERINGUE PIE

6 cups milk
1½ cups sugar
1 cup flour
8 egg yolks
½ cup cocoa
¼ teaspoon salt
2 tablespoons vanilla
4 tablespoons butter
8 egg whites
¼ teaspoon cream of tartar
½ cup sugar
1 teaspoon vanilla
2 9-inch pie crusts

In heavy 3-quart saucepan, combine 1½ cups sugar, flour, salt, and cocoa. Add a small amount milk to make smooth paste, then gradually add all milk. Cook over medium to medium-high heat, stirring constantly until mixture thickens and boils. Reduce heat to low and boil one minute. Beat egg yolks. Add some of the cooked mixture to temper, then add to remaining cooked mixture. Simmer one minute. Remove from heat and stir in butter and vanilla. Pour into pie shells.

Beat egg whites and cream of tartar until eggs begin to pile. Add vanilla and sugar gradually. Beat until stiff peaks form. Put onto custard and spread to edges. Bake a few minutes at 400 degrees until golden brown.

Lois Rawlings and children.

"This was my great-grandmother's recipe, which took two hours to cook and we converted it to the microwave. We have a family-owned and -operated dairy farm where we process our own milk and sell it in our store. We have a restaurant on the farm that features my mom's home cooking. We offer the rice pudding in our deli case and can't keep up with the demand for it.

"We have about 10 family members working on our farm. My husband, Irv, (who bottles and processes the milk) and I have three children ages 7, 9, and 11, who are active in music and sports and are looking forward to summer break."

Lois Rawlings
Towanda

OLD-FASHIONED RICE PUDDING

½ cup rice (not instant)
1 cup water
4 cups milk
¼ cup butter
2 eggs, beaten
½ cup sugar
½ teaspoon vanilla
½ cup raisins
Cinnamon

Microwave rice and water in large bowl for 6 minutes. Water will be gone. Stir. Add milk and butter and microwave for 35 minutes. Stir; add eggs, sugar, vanilla, and raisins. Beat together. Sprinkle with cinnamon.

Sheilah and Michael Laurch with Clinton, 15; and Whitney, 2.

"My husband's name is Michael and we have two children, Clinton, 15, and Whitney, 2½. My husband works for Umbergers of Fontanta as a farm-equipment salesman. I am employed at Lebanon County's Cedar Haven, a nursing home. I have worked for 15 years as a nursing assistant.

"Our son Clinton is a freshman at Eastern Lebanon County High School and is very active in FFA. Our daughter is an active 2½ -year-old who likes to help a lot with household chores and barn chores. At present we have one bull and eight steers. Hopefully there will be a few calves by the end of the summer.

"My husband and son also rent a few acres of land and raise tobacco, hay, and corn."

Sheilah M. Laurch,
Newmanstown

CHOCOLATE COOKIE PUDDING

½ pound chocolate sandwich cookies, crushed in a blender
1 large package instant vanilla pudding
3 cups cold milk
8 ounce cream cheese, softened
8 ounces whipped cream

Mix pudding with milk according to package directions. Beat in cream cheese and whipped cream. Blend well. Layer crumbs and pudding in dish. Chill.

(Turn to Page B24)

MICROWAVE MINUTES

By JOYCE BATTCHER

Rhubarb sauce is one easy way to microwave rhubarb. Add another fruit or a few other ingredients and you have rhubarb pudding.

Microwaved rhubarb sauce uses less water and cooks quicker than when done on the range-top. The only thing to watch out for is to use a large enough container to prevent boil-overs. If you double a recipe, double the size of the cooking container. If you don't have a big enough container, use the largest you have. Then, after stirring halfway through cooking, leave the container uncovered and stir several times during last part of cooking. Microwaving rhubarb covered is the preferred way because rhubarb softens and heats faster from trapped-in steam. But in a pinch you can leave it uncovered towards the end of cooking.

If you like rhubarb pieces to remain visible (i.e., if you don't want it mushy, or, as my daughter says, "looking like baby food"), add sugar during cooking. Cook it covered, gently stir only once halfway through cooking, and let the sauce stand, covered, to finish cooking.

Try today's quick sauce or pudding recipes. Or make up your own combinations. Rhubarb goes well with just about any fruit. Fresh, frozen, or canned (drain first) pineapple chunks, dark cherries, blueberries, raspberries or oranges are examples. With the sweetest fruits, reduce amount of sugar or honey. You can always add more later. (Taste and add sweetening while sauce or pudding is still warm — both sugar and honey will dissolve better.)

Rhubarb Sauce

3 cups rhubarb, cut ½ inch thick
¼ cup water
¾ -1 cup sugar

Combine rhubarb and water in microwave-safe 2-quart measure or casserole. Microwave (High), covered, 5 to 7 minutes, stirring once during cooking. Add sugar; stir well to dissolve. Cover and cool slightly or chill before serving. Makes 4 to 6 servings.

Each ½ -cup serving: 133 calories, 0 protein, 0 fat, 34G carbohydrate, 1mg sodium, 0 cholesterol.

Strawberry Honey Rhubarb Pudding

2½ cups rhubarb, cut ½ inch thick
1½ cups sliced fresh strawberries
⅓ -½ cup honey
¼ cup water

Combine rhubarb, strawberries, ⅓ cup honey and water in microwave-safe 2-quart measure or casserole. Microwave (High), covered, 5 to 7 minutes, stirring once during cooking, or until fruit is tender. Cover and cool slightly or chill before serving. Makes 5 servings.

Each ½ -cup serving: 100 calories, 0 protein, 0 fat, 25g carbohydrate, 2mg sodium, 0 cholesterol.

Hint: After rhubarb has cooled slightly, taste for sweetness. If desired, add more honey.

Banana Rhubarb Pudding

3 cups rhubarb, cut ½ inch thick
1 medium-sized ripe banana, sliced
¾ cup water
¼ cup sugar
3 tablespoons quick tapioca

Combine rhubarb, banana, water, sugar and tapioca in microwave-safe 2-quart measure or casserole. Microwave (High), covered, 7 to 10 minutes, stirring once during cooking, or until fruit is tender. Cover and let stand until tapioca turns transparent. Serve at room temperature or cold. Makes 5 servings.

Hint: If using a very ripe banana, reduce amount of sugar.

Each ½ -cup serving: 94 calories, 0 protein, 0 fat, 24g carbohydrate, 1mg sodium, 0 cholesterol.

Questions for Joyce —

Q. Is there a way I can re-crisp pretzels or crackers?

A. Remove pretzels or crackers from package and put in a microwave-safe bowl. Microwave on High until slightly warm. Time depends on amount, but generally it takes about 15 to 20 seconds for a cupful. Pretzels or crackers will still be soft, but let them stand a few minutes and they'll crisp.

Q. What's the smallest amount of food you could safely cook in your microwave? I heat small amounts of leftovers. Would cooking just a quarter cup of food be harmful?

A. Microwaving a small amount of moist food, such as a meat, vegetables, sauces, etc., would not be hazardous to your microwave — provided you aren't cooking the food for a prolonged time. Using normal heating/cooking times for even smaller amounts of moist foods would be no problem. You can microwave even a very small amount — like a teaspoon of butter — for 10 to 15 seconds just to melt it, but you wouldn't want to cook it for a minute or two.

With a small amount of a dry food, such as drying less than a tablespoon of fresh herbs, or making croutons with half a slice of bread or toasting ¼ cup of nuts, be cautious not to microwave the food too long or it would be like running the microwave empty.

Q. I heard that a microwave won't kill bacteria in hamburger. Should I stop microwaving burgers or hamburger for casseroles?

A. When hamburger or ground beef is cooked thoroughly, the harmful e coli bacteria which produce diarrhea and abdominal cramps are killed. It doesn't matter if hamburger is cooked by broiling, grilling, pan frying, microwaving or any other method. If the hamburger is cooked well-done in all spots — in other words, is no longer pink in any spot — it is safe to eat.

To insure that burgers microwave evenly (are done in all spots), do the following: Form ground beef into burgers of even thickness. Make a small indentation with your finger in the center of each burger. If cooking several burgers at a time, arrange them in a doughnut shape, with the center open. Cover burgers with waxed paper. Microwave on High, allowing about 30 seconds for each ¼ -pound burger. Turn burgers over (and rearrange in dish, if cooking more than one). Continue microwaving on High for another 30 to 45 seconds per burger. Let stand, covered, to insure that the center finishes cooking.

As for cooking ground beef for casseroles, the secret for evenly cooked meat is to stir it several times during cooking. When it is no longer pink, it is done. Other ingredients are added and it is cooked even more, so there's little chance it will be rare. Allow about 5 minutes cooking time on High.

Questions for Joyce?

Do you have a question about microwave cooking? Send it to Microwave Minutes, % Extra Newspaper Features, P.O. Box 6118, Rochester, MN 55903. Please include a self-addressed, stamped, business-size envelope.

Recipes in this column are tested in 600- and 650-watt microwave ovens. With an oven of different wattage output, timings may need slight adjustment.

Joyce Battcher is an independent home economist microwave specialist. She is author of "Microwave Family Favorites" and editor of "A Batch of Ideas" newsletter.

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Search For Sweetheart, King or Hunk

MONTROSE (Wayne Co.) — The Northeastern Pennsylvania Maple Syrup Producers Association announces a competition for the 1989-90 Maple Sweetheart. Other maple associations throughout Pennsylvania select a person to promote maple products. The winners of these regional competitions are then eligible to compete in the state contest, representing the entire state maple industry. The state contest traditionally takes place at the annual Maple Tour which this year will be hosted by our Northeastern Pennsylvania Maple Syrup Producers Association. Those interested in competing in the local contest must reside in Susquehanna, Wayne, Pike, or Lackawanna County, be between the ages of 17-19 before 12/31/89, and be single. She must also have some knowledge of and/or experience in the maple industry.

The state competition is only open to young women but if there are men who would like to do a little public relations for the maple industry, our association will definitely consider electing a Maple King, or maybe Maple Hunk? If you are interested in more details, or would like to have an application, call the Wayne County extension office at 253-5970, or Mrs. Callender at 727-2982, or Ms. Dodge at 698-6173. The deadline for receipt of applications is July 1, 1989.

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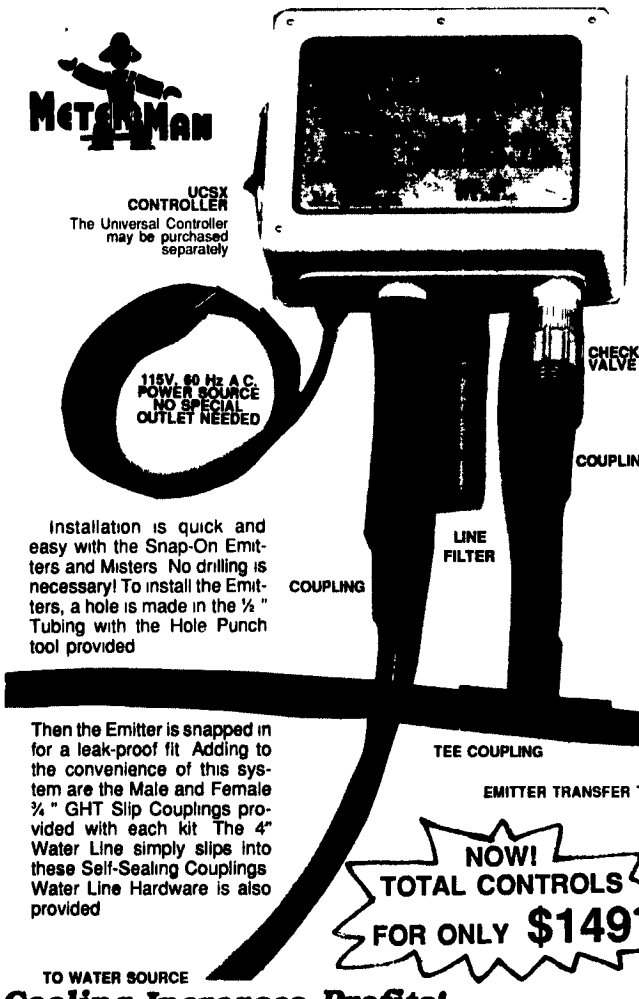
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Ida's Notebook

Ida Risser

As long as I can remember, I've always been interested in wildflowers growing in pastures and woodlands. My parents had a hilly pasture where I would take my younger sisters for a walk in the spring. We picked some flowers but what really destroyed a lot of them was putting sheep in the meadow. They can really clip growth down to the roots. I've transplanted half a dozen wildflowers and they grow fine along the edge of my frontyard.

This past week I took a day trip to Mt. Cuba, Delaware, to see the ten-acre preserve of Piedmont flora. The Piedmont region is the foothills of the Appalachian Mountains and extends from New York to Alabama. At present the gardens of Mrs. Lammot duPont Copeland are still private but later will be open to the public.

Our guide took us on mulched and turf paths and explained the many plants growing in the area. Bright colored azaleas were blooming and ferns grew around the four ponds. Moss was used to edge the stream and we watched fish in the clear water. There was a dogwood trail, a lilac path and a sedge field with native grasses. We had a leisurely two hour stroll under huge tulip poplar trees.

We also were shown some very unusual white pine trees, shipped from Connecticut and weighing ten ton each, that were grown from witches'-brooms. This is an abnormal tufted growth of small branches caused by fungi or viruses.

After a picnic lunch at Valley Garden Park we were taken by a smaller bus to see the Mt. Cuba's Astronomical Observatory near Greenville, Delaware. It is in a wooded area and has several telescopes including a 24-inch one with a rotating observation dome and also a mounted 34 cm reflector. It operates solely on donations and has photographed supernova. I was not familiar with the minor planets and asteroids that they discussed but it was interesting none the less.

When I got home I did the dishes from the noon meal that I had prepared for the men the night before my trip. They told me that they had been putting rye in the silo and would leave some to bale later.

ConAgra Hits AHA Standard With Beef Entrees

EPHRATA (Lancaster Co.) — ConAgra has introduced a new line of frozen dinners, called Healthy Choice entrees, according to "Drovers Journal."

The new line, aimed at health-conscious consumers, includes three beef entrees that meet the American Heart Association and National Institutes of Health dietary guidelines. The beef entrees are Oriental pepper steak, sirloin tips, and salisbury steak.

The new line is available in 17 markets with growth expected into many more. The dinners are priced to sell for a suggested retail price of $3.19, which is lower than the average frozen entree.

TANKS TANKS TANKS

Farm Women Societies

Lancaster Society 3

The Lancaster Society of Farm Women No. 3 met on Saturday, May 20, at the home of Norma Meck, Denver.

A memorial service was held in honor of the late Mrs. Irene Eberly, a 50-year member of the Society.

Mrs. Lee Mentzer, Ephrata Community Hospital, spoke on Eating Right For A Healthy Heart.

The next meeting will be held on June 17 at the home of Mrs. Ruth Messner, Denver, PA.

Berks Society 6

Frank Temme, a German exchange student at Oley Valley High School, spoke to the Berks Society of Farm Women #6 in the home of Erma Bauer. He is also helping on the farm of Mr. and Mrs. Roger Wagner of Oley.

On Sunday, July 16, at 12:00 a family picnic will be held at the home of Nora Schweitzer. Farm Women #11 of Berks County and their families will be invited to the picnic for an afternoon of swimming and fun.

A donation was given to Ralph Richard, who was a fire victim.

The June 29th meeting will be a tour of the Zimmerman Farm in East Earl. Lunch will be at Shady Maple.

Lancaster Society 15

Farm Women Society #15 met on Thursday, April 20 at 1 P.M. with Joan Whiteside, Oxford. Twenty-five responded to roll call with their favorite nursery rhyme. Janet Frantz led the devotions. Bonnie Herr read the minutes and Isabel Ferree gave the treasurer's report.

Nancy Shoemaker told of a trip on September 16 to Chadsford Winterthur and of a Tram ride.

President Colleen Shoemaker said the county farm women project for 1989 was the center for abused women in Lancaster. The annual Mother's Day brunch was held at Rhoads Restaurant at 9:30 on May 13th. The program featured John Moore who told of the Moore Bears at Hershey Farm Restaurant Bear Shop, Strasburg, Pa. He exhibited many interesting bears.

Lebanon Society 14

Lebanon County Farm Women Group #14 held a May meeting at the home of Lorraine Yeager. Nine members attended. Carol Ungenuch, president, was in charge of business. A silent auction was held. The money from the auction was used for our member Lena Zuck who is under doctors care at this time. The fall bazaar will be held September 8-9.

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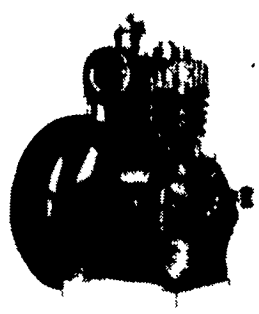

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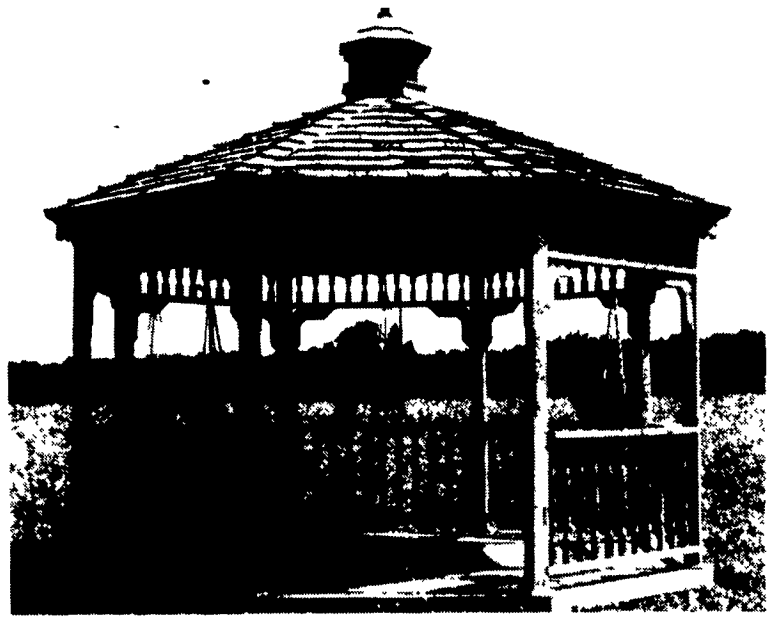

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Watch Out For Lyme Disease

BY DR. STANLEY GREEN
Penn State Entomologist

LANCASTER — This relatively new disease has been increasing in the United States at an alarming rate.

The first case in the United States of what we now know as Lyme Disease occurred in a grouse hunter from Wisconsin in 1970.

In 1975, 51 cases (39 children; 12 adults) of Lyme disease occurred from and near Lyme Township, Connecticut. The fact that a large number of children from a localized area came down with Juvenile Rheumatoid Arthritis seemed unusual. Subsequent research showed that large numbers of "deer" ticks (**Ixodes dammini**) were located around the town of Lyme.

By 1984, it was known that a corkscrew shaped bacterium (a spirochite) caused Lyme disease and that healthy people became sick if bitten by ticks that carried the bacteria.

Presently, Lyme disease occurs in 19 countries and in the United States it has been recorded from 43 states, with about 1,500 cases each year reported. Last year (1988) 306 cases of Lyme were recorded from Pennsylvania. The bulk of these cases came from five counties: Bucks - 45; Chester - 13; Delaware - 43; Montgomery - 84 and Philadelphia - 18.

Lyme disease is a serious crippling disease which can be controlled if treated in its early stages. The problem is that many persons do not even know they have been bitten by a tick and if they develop symptoms these may be overlooked by themselves or a physician.

If you have been in areas where you may have had contact with ticks you should know what symptoms can occur if you have picked up the Lyme bacterium.

Lyme normally occurs in three stages:

• Stage 1 - normally shows up from 3-32 days after the tick bite. A circular rash develops at the site of the bite. This grows until it has a bright red outer ring with the center of the rash lighter. It has been said to resemble a bullseye pattern. The rash can grow quite large -- up to 18 inches. It may disappear in as few as two days or may persist up to 14 months. Normally it will be gone in about three weeks. Other rashes may develop on the body away from the site of the bite.

Other symptoms in stage one can include a general weakness or fatigue, sore throat, chills, fever, headache, stiff neck, nausea, vomiting and some pain in the joints. Often, except for the rash, these symptoms can be mistaken for the flu. The problem is further complicated since about 30% of infected persons do not develop the rash.

• Stage 2 - In this stage, there can be both cardiovascular problems and/or neurological symptoms. These show up from six weeks to 10 months. Symptoms include brain inflammation; loss of facial control (Bell's Palsy), neck pain, excruciating headaches, loss of memory, mood changes and inability to concentrate; cardiovascular symptoms include palpitations, dizziness, shortness of breath and heart beat irregularities. As serious as these symptoms appear, generally they are not permanent.

• Stage 3 - may occur from two weeks to up to two years after exposure. In about 60 percent of untreated people, they develop arthritis. Joint pain usually occurs in the elbows and knees. Joint pain can reoccur a number of times and in some cases, there is permanent destruction of the bone and cartilage of the joints.

Lyme disease has been treated successfully with antibiotics (tetracycline, penicillin or erythromycin) if treated early.

The deer tick is believed to be the principle transmitter (vector) of Lyme disease. These ticks are much smaller, about half the size of the wood or dog ticks familiar to many people. There are often four stages to the ticks' life cycle -- the egg, the larva, the nymph and the adult. The larva is (can be) less than the size of the period at the end of this sentence. The nymph is about as big as a poppy seed. It is the small size of these ticks that makes them so difficult to see as they crawl about on clothing.

The life cycle of the deer tick takes about two-three years. In the spring, adult ticks deposit their eggs on the ground. These hatch in about a month and the larvae look for small animals (mice, shrews, birds) upon which to feed. The white-footed mouse is their preferred meal. Larvae engorge on blood for about two days.

Larvae molt the following spring into the nymphal stage. Nymphs can feed on mouse, bird, squirrel, dog and human blood, becoming engorged within three to four days. In the fall, the nymphs molt into adult ticks which look for larger animals such as dogs, people, horses or cattle on which to feed. They actually prefer the white-tailed deer. After mating the male ticks die and the females survive the winter laying their eggs the following spring.

What can you do to make sure you won't get Lyme disease? You can take the following precautions:

1. Be aware that ticks are frequently found in tall grass or on shrubs. Avoid such areas, if possible and keep your pets away from these places.

2. Check clothing for ticks frequently when you are outdoors. Wear white or light colored clothing when hiking. This will help you see the darkly colored ticks.

3. Tuck your pant legs into your socks. This should help keep ticks from crawling under your pant legs and onto your skin.

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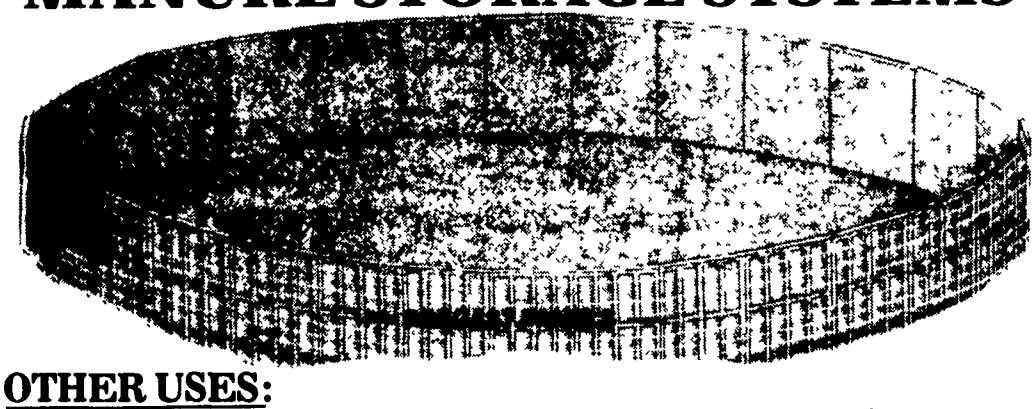

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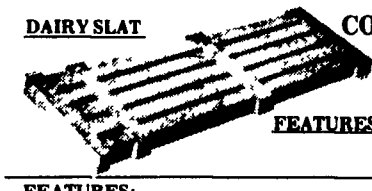

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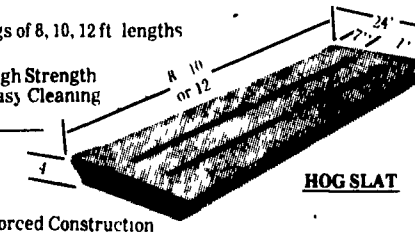

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35- Trucks & Trailers
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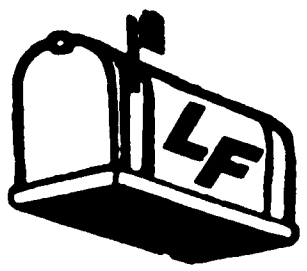

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Delicious Eating

(Continued from Page B18)

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Duane & June Hertzler
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CHEESE PIE

16 ounces creamed cottage cheese
1⅓ cups sugar
1 large can evaporated milk
2 tablespoons cornstarch
3 eggs, separated
2 cups milk
½ teaspoon salt
Cinnamon

Combine cottage cheese, sugar, evaporated milk, and mix well. Separate eggs and add yolks, cornstarch, salt and cinnamon to cheese mixture. Add milk and beat well. Beat in stiffly beaten egg whites. Pour ingredients into a 9-inch pie crust and bake at 425 degrees for 10 mintues. Reduce heat to 350 and bake 30 minutes.

POP OVERS

2 cups flour
3 eggs
½ teaspoon salt
1⅓ cups milk
2 tablespoons butter, melted

Sift flour; measure and add salt. Sift again. Beat eggs until light and add milk and melted butter Add liquid slowly to dry ingredients, beating thoroughly with electric beater or rotary egg beater, about 2 minutes. Grease muffin tins. Heat these in ovem before filling with batter. Fill tins half full of batter. Bake at 450 degrees for 20 minutes then reduce heat to 350 degrees for 20-25 mintues. Makes 14-16.

Nancy S. Zimmerman
Shippensburg

LEMON COOKIES

1 cup butter
8 ounces cream cheese
1 cup sour cream
1½ cups sugar
2 eggs
2 tablespoons grated lemon peel
1 tablespoon vanilla
2 teaspoons pur lemon extract
6 cups flour

Cream butter, cream cheese, and sour cream. Beat in next five ingredients. Fold in flour. Chill dough 1 hour or longer. Drop on sheets. Bake at 350 degrees for 8-10 minutes or until brown.

Mrs. Lewis F. Kofron
Claymont, Del.

CREAMY DELIGHT

1 small container cottage cheese
8 ounces whipped cream
1 small package flavored gelatin
Small can pineapple, drained

Mix all ingredients and chill. Use any flavor gelatin.

Debra L. Reinert
Alburtis

RHUBARB CHERRY PIE

9-inch pie shell and pastry for top crust
4 cups rhubarb, cut
1 cup sugar
¼ cup maraschino cherries, chopped
2 tablespoons cherry juice
¼ cup dairy sour cream
1 egg
¼ cup flour

Mix all ingredients together, except pastry dough, and pour into pie shell. Put top crust on and seal. Bake in 400-degree oven for 15 minutes. Reduce heat and bake an additional 25 to 30 minutes.

Dot Weiland
Bath

MOLASSES COCONUT PIE

4 eggs
1 cup coconut
1 cup milk
½ cup molasses
1 cup sugar
1 teaspoon vanilla
¼ cup melted butter

Mix all ingredients together. Pour into 9-inch pie shell and bake at 350 degrees for 35 minutes.

Mrs. L. High
Fredericksburg

"We live on a dairy farm and milk about 40 cows, sometimes more or less. Our six children, ages 4 to 15, help a lot with the chores. They do a lot of the feeding, including feeding for 50 chickens and 12 turkeys, which we got two months ago. Life on the farm is great: a lot of work sometimes, but we can't imagine being anywhere else. Mommy enjoys trying new recipes on the family."

Jacob & Anna Conley,
Mount Joy

LEMON CAKE

3 cups flour
3 teaspoons baking powder
¼ teaspoon salt
1 cup butter, softened
1½ cups sugar
1 teaspoon vanilla
4 eggs, separated
6 egg yolks
1½ cups sugar
4 tablespoons flour
¾ cup butter
Juice from two lemons
16 ounces crushed pineapple in juice
½ cup butter, softened
2 cups confectioners' sugar
½ teaspoon grated lemon rind
2½ tablespoons lemon juice
2 tablespoons cream

Sift together first three ingredients; set aside. Cream together 1 cup butter, 1½ cups sugar, 1 teaspoon vanilla. Add 4 beaten egg yolks. Alternately stir dry ingredients and milk until blended. Beat 4 egg whites and fold into batter. Pour into three greased and floured 9-inch round cake pans. Bake at 375 degrees for 30 minutes or until done. Remove from pans and cool.

Combine 6 egg yolks, sugar, flour, ¾ cup butter juice from two lemons, and pineapple. Cook in double boiler over medium heat until thick. Divide and spread between cake layers. Mix remaining ingredients until smooth and fluffy. Frost cake.

CHERRY CREAM CHEESE PIE

1 graham cracker pie crust
8 ounces cream cheese, softened
14 onces sweetened condensed milk
⅓ cup lemon juice
½ teaspoon vanilla
21 ounces cherry pie filling

Beat cream cheese until light and fluffy. Slowly add milk, beating until smooth. Stir in lemon juice and vanilla. Pour into crust. Chill three hours until firm. Top with cherries.

Nancy Nolt
Richland

The Jacob Conley family.

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"My husband was raised on a farm in New Jersey town called Belvidere. Then he was in the Air Force in World War II and lived nearly two years in England. When he got home, we moved to Buffalo where he worked in the steel mills. We were there about a year. My husand always liked farming, so we bought a farm that hadn't been in use for quite a few years. The farm was in upstate New York, in a little town called Truxton.

"We started with two milkers, two horses, a walking plow, and horse-drawn hay rake. We added a few second-hand equipment at a time, and there were no fences on the farm.

"We raised four daughters, two who helped in the house and two who helped their father. We farmed for 40 years before my husband retired at 65 years of age.

"One daughter, Sally, is in Florida, while Nancy lives in Carlisle, Linda in Ketchikan, Alaska, and Susie in Anchorage, Alaska. Susie plans to take a trip to India with college friends.

"My husband has a large garden and picks berries, cherries, and apples. I freeze and can, and we have a good supply for winter. Farming has come a long way in 40 years. There aren't many small farms. We had very little help: it was a family farm."

Vera Scott
Cortland, N.Y.

Karl Scott with Buster

HAYDEN RICE PUDDING

1 cup boiling water
½ teaspoon salt
¼ cup butter
½ cup sugar
½ cup raisins
½ cup long-grain rice
1 quart milk
2 eggs
1 teaspoon vanilla
Cinnamon sugar or nutmeg

Combine water, rice, and salt in saucepan. Bring to boil and cook 7 minutes. Add milk and butter. Bring to a boil; reduce heat and simmer, covered, for 1¼ hours. Beat eggs with sugar and vanilla; add to cooked rice mixture. Remove from heat and add raisins. Turn into shallow buttered 9x12-inch pan and sprinkle with cinnamon sugar or nutmeg.

MICROWAVE CHEESECAKE

12 ounces ricotta cheese
8 ounces cream cheese
¾ cup sugar
Juice from one lemon
2 eggs
2 cups milk
½ cup biscuit mix

Soften cream cheese; mix everything in a blender. Pour into deep pie plate. Bake 20 minutes in microwave on 70% power. Turn dish several times while baking.

Judith Kann
Spring Grove

SOUR CREAM DROP COOKIES

¼ cup butter, softened
1 egg
½ teaspoon salt
1 cup sour cream
1 cup sugar
2 cups flour
½ teaspoon baking soda

Cream butter and sugar until smooth and light. Beat in egg. Add dry ingredients with sour cream and beat until smooth. Drop on ungreased cookies sheets. Sprinkle with sugar-cinnamon mixture. Bake at 375 degrees about 15 minutes. Chocolate chips or candies can be added for variety.

Florence Schlicker
Zionsville

"My father's name is Caleb, and he is 36 years old. My mother's name is Maleb and she is 34 years old. My oldest sister is 12, her name is Marian. I am Elaine and I am 10. Louella is 7, Suetta is 5, Rachel is 3, and Marlene is 1. My youngest sister is on my birthday Decembe 20th. We have 36 cows to milk. This morning our one cow got twin calves."

Elaine Leid, Fleetwood

WHOOPIE CAKES

1 cup butter
2 cups sugar
2 eggs
2 teaspoons vanilla
1 cup sour milk
1 cup cocoa
4½ cups flour
2 teaspoons salt
1 cup hot water
2 teaspoons baking soda
2 egg whites
2 tableespoons vanilla
4 tableespoons flour
4 tablespoons milk
2 cups confectioners' sugar
2 cups sugar
1 cup shortening

Mix first 10 ingredients. Drop onto cookie sheets and bake in 325-degree oven for 10-12 minutes. Let cool. Beat egg whites until they form soft peaks. Add remaining ingredients. Spread filling between two cookies. Wrap individually in plastic wrap and freeze until ready to eat.

"We have a dairy farm that is being operated by our son, and he is the third generation on this farm. It is a historical farm named the Settlers Farm."

Anna Miloszewski
Florida, N.Y.

ONE-STEP PIE

4 eggs
¼ cup melted butter
1 cup sugar
½ cup flour
¼ teaspoon salt
½ teaspoon baking powder
2 cups milk
1 cup coconut

Put all ingredients together. Pour into a 10-inch pie pan. Bake for 1 hour at 350 degrees.

"We live on my father-in-law's dairy farm and are responsible for all milking duties. We currently milk 45 cows and farm approximately 300 acres. My husband is a school-bus owner/operator, and I am a box-delivery contractor with the U.S. Postal Service. My three older children are members of the Juniata County 4-H Swine Club. We all love farming and, if God is willing, will continue in this profession indefinitely.

"My husband, Barry, and I have five children: Shelley, 12, Matthew, 10, Justin, 8, and Barrett and Alison, 4."

Bonnie Imes
Mifflin

EGG CUSTARD PIE

9-inch pie shell
4 eggs
⅔ cup sugar
2⅔ cups milk
½ teaspoon salt
¼ teaspoon nutmeg
1 teaspoon vanilla

Heat oven to 450 degrees. Beat eggs slightly with mixer, beat in remaining ingredients. Pour into pie shell and bake 20 minutes. Reduce oven temperature to 350 degrees and bake 15 to 20 minutes longer or until knife inserted halfway between center and edge comes out clean.

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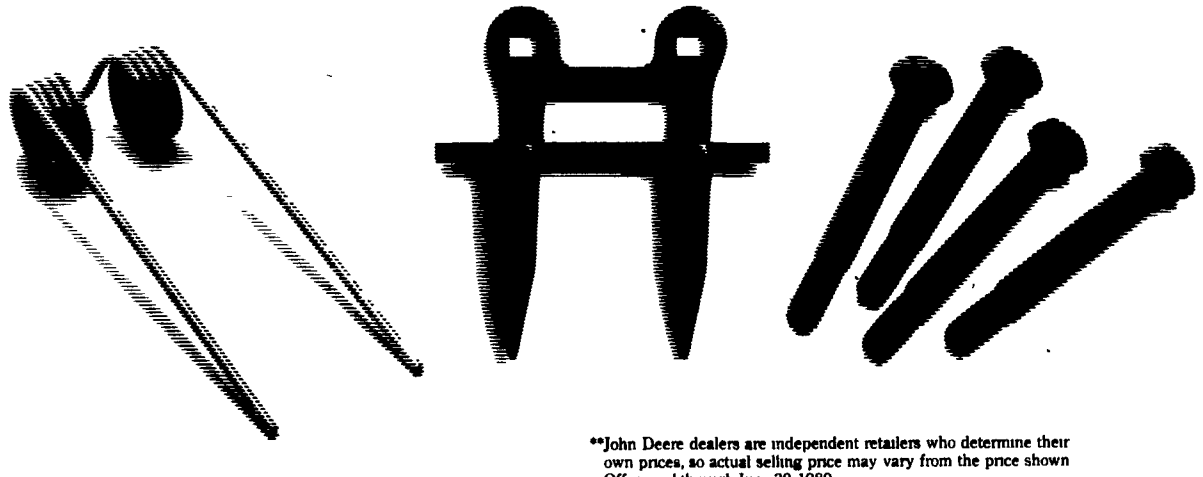

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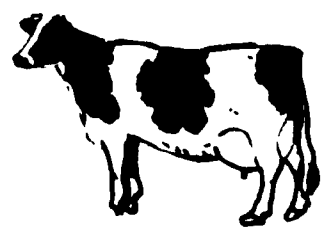

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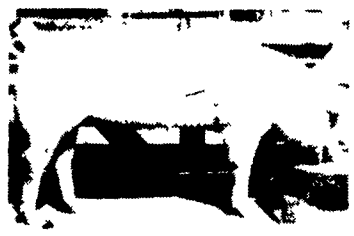

1987 Penna. Test Station Winner
Index 184: Feed Efficiency 2.3:
Gain 2.7#/day

RPM GENETICS FARMS

1987 N.Y. Test Station Winner
Index 155: Feed Efficiency 2.2:
Daily Gain 2.42#/day.

The pride of RPM Farms in 1987, pictured above, both New York and Pennsylvania boar test station winners.

Planned Genetics at RPM Farms produced these 2 test station winners

Friday, June 23rd, 1989 1 pm -
At the farm, Beavertown, PA
200 Head • 60 Bred Gilts
• 40 Service Boars • 100 Open Gilts
Yorkshire - Landrace - Duroc

The best in large Whites from England, Ireland, and Scotland along with our York/Landrace crossbreds. Production-tested, certified meat-tested, and champion show winners.

RPM Genetics
Won Again in 1988

Another first for RPM Farms
2.1 Feed Conversion

A New All-Time Low Feed Efficiency At PA Boar Test Station. Sired by PARAMOUNT

Certified Brucellosis free and Pseudorabies negative test.
Health charts sale day for entry into any state.

Harry Bachman, Annville, PA - Auctioneer

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Mark Stehr 717/658-7007
R.D. #1, Box 220-Beavertown, PA 17813

SEE RPM FARMS FOR SUPERIOR CARCASS QUALITY WHY SETTLE FOR LESS?

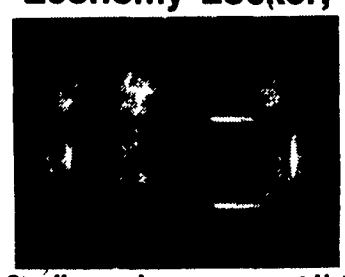
RPM Genetics prove to produce superior market hogs.

YES: Our test records prove we have hogs with a superior quality carcass.

Hatfield Packing Co.; we continually score at the top of the list for meatiness. 58-60%.

Leidy Packing Co., May 17; Best load for the day. 50 head all barrows, no gilts. Tom Leidy says "You had hams as thick as they were wide." Tom Leidy says, "You were the highest paid load for the day."

Economy Locker, Pennsdale, PA, May 18; "Very good hogs, all #1 picks and the kind we need" says Warren Worthington



Dr. Stouffer scoring carcasses at Hatfield Packing Co. for meatiness.

Todays Marketing of Hogs Using A Positive Meter For Evaluating Lean In A Carcass

RPM GENETICS PROVE TO BE SUPERIOR

WHY NOT BUY YOUR SEED STOCK NEEDS WHERE THE RECORDS PROVE THE PIG WITH THE PROFITS?

YES: Our Sale Boars will be scored for backfat and loin eye area measurement.

OUR SALE BOARS and GILTS CAN HELP YOU STAY AHEAD OF THE REST

YES: "The PIG of TOMORROW is at OUR PLACE TODAY"

YES: "The PIG Of RPM Farms Is PROFIT INTEGRATED GENETICS"

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CROSS BRED COMMERCIAL EWE LAMBS

One half Suffolk 3/8 Dorset and 1/8 Finn all twins or triplets
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Duroc
Yorkshires
Large Whites
F1 Crossbreds

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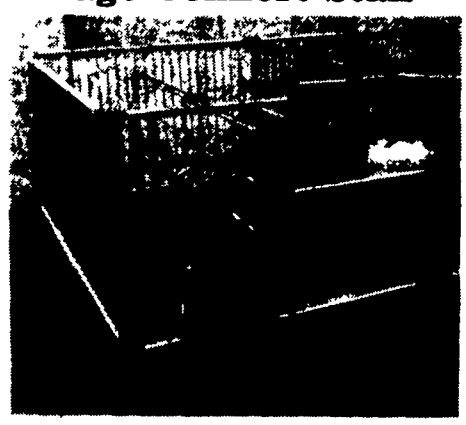

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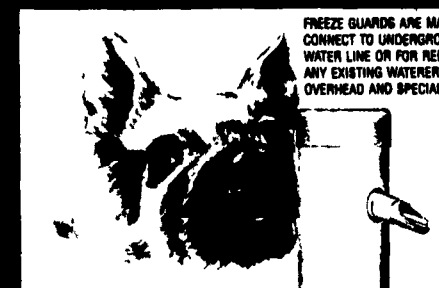
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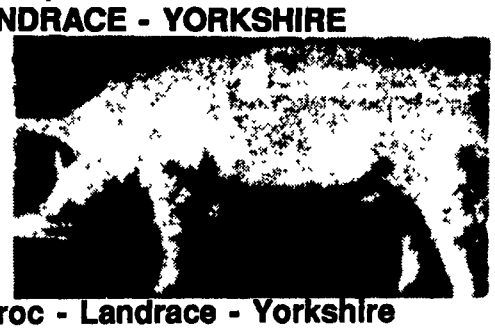
100 BRED GILTS
50 Registered - 50 Crossbred. (York x Land) & (Duroc x York). Handmated due late June thru August.



40 SERVICE BOARS Duroc - Landrace - Yorkshire

TESTED BOARS Represented in this offering Durocs - "KOKO" 138D/230#, 2.85 gain, 5.98 loin, .08 BF "HAMILTON" 143D/230#, .69 BF, 6.09 loin. "AT&T" 147D/230#, .63 BF, 6.14 Loin "WALLSTREET" 144D/230#, 2.35 gain, .77 BF, 6.06 loin, 2.22 FE, "McD" 154D/230#, 5.62 Loin, .70 BF Landrace "KARLSTORP" 2.56 gain, .66 BF, 6.15 loin, 131D/230#, 2.24 FE. Yorkshires "PUFF" .82 BF, 6.58 loin, 150D/230#, 2.78 FE. "GRANITE" 2.75 gain, .88 BF, 5.90 loin, 129D/230#, 2.30 FE, $2600 "ANVIL" 2.75 gain, .89 BF, 6.10 loin, 2.67 FE $1000, "COMMAND" 145D/230#, .99BF, 5.70 loin, 2.33 gain "ULTRA" 138D/230#, 2.46 gain, .72 BF, 6.05 loin, 127 index.

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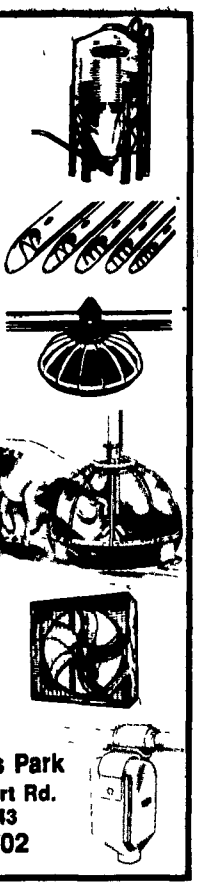

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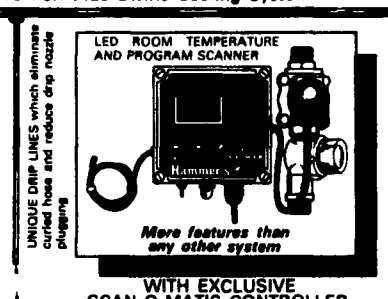
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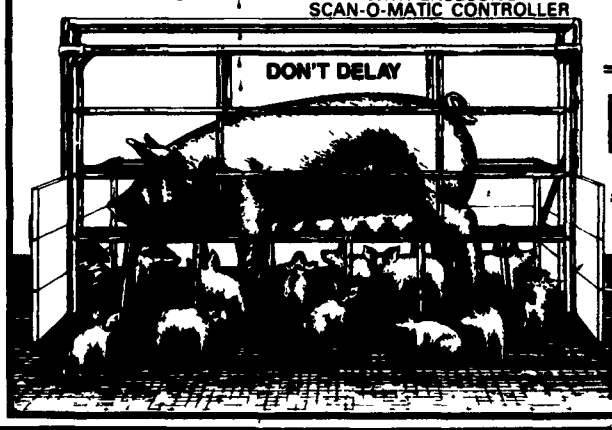

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4x4x8 straw bales, barn dry $40/ton delivered, in 6ton lot. Second cutting alfalfa, under $110/ton delivered. 717/534-1253

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Mushroom soil by truck load $18. Call (215)375-9691 between 8 a.m. and 4 p.m.

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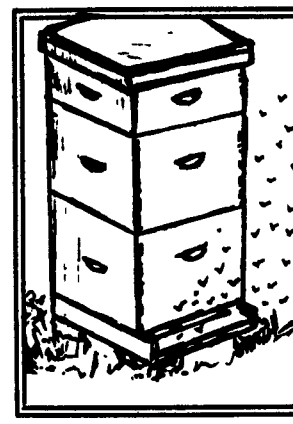
WANTED: Fruits and berries for jams and jellies, including organically grown. Shenk Cheese Company. 717-393-4240.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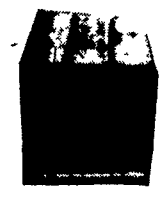
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Black raspberry plants, rhubarb roots, vigarous plants from certified stock. Ship anytime, RAAB FRUIT FARMS, York County. Call (717)244-7157.

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- Esh's Sharpening & Sales Route 340, Gordonville, PA
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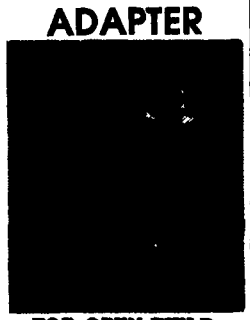

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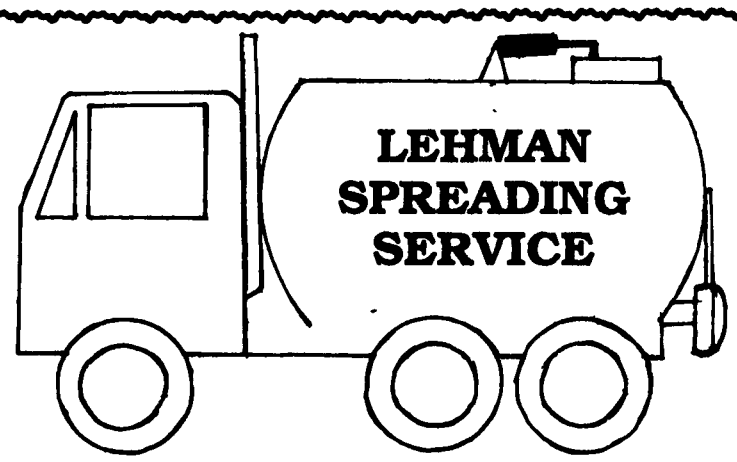
No Tractor Needed.
Using A 9 Mill Bag, White Outside, Black Inside.
Have Roll-Back Truck.
Will Travel To Your Farm, Lancaster & Surrounding Counties.

CALL 717-859-3869
(We Have Silage & Hay Bags For Sale)



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1. 3,500 gal. capacity
2. Vacuum or top fill.
3. Short wheel base for easy maneuvering
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Custom Built Barns, Sheds or Garages
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Haylage,
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9' self-propelled 135' length
8' power takeoff 100' & 150' length

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8 ft. machine, strictly power take off.
Fermentation aid available.
NC + hybrids dealer.
Corn, alfalfa and sorghum.

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High Pressure Washing & Steam Cleaning
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High Pressure Spray & Wash
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Free Travel Time With This Ad

General Hauling Rollback Truck With Winch

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Benches: Folding and Regular of any length. Made to order. Stephen S. Esh, 200 Shreiner Rd., Leola, PA 17540. Lanc. Co.

For Rent or Services Offered: No till grain drill, chopping & plowing, picking corn. 215-932-2778

Liquid Slurry Service, 3200 gallons, truck mounted. Servicing Franklin and Southern Cumberland Counties. (717)532-2144.

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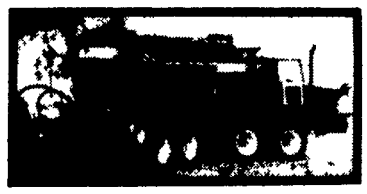
Will do plowing, molboard, chisel, frontend loader work or my tractor, your equipment. 717-464-0841 after 5:00.



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Pumping & Injecting Liquid Manure
(Can load w/vacuum or by using lagoon pump)
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RD 2, Ephrata, PA

Using a 5,500 gal. unit equipped w/4 tooth auto. reset plowdown.

2200 flotation unit for wet ground.

Whitewashing

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Whitewash - VOCO II

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Also Barn Cleaning With Compressed Air

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$10.00 Discount With This Ad

Part-time driver to deliver feed products to farm. Class 2 license preferred, but will train. Call for appointment 717-442-8280.

Progressive south central PA swine company is looking for motivative managers, assistants, and production workers for new and existing farms. We offer a competitive salary, production incentive and benefits. Please write to: General Manager, 91 Encks Mill Rd., Carlisle, PA 17013.

Self motivated husband and wife team with good moral standards to work on large modern dairy and crop farm. Experience a must. Wages, housing, medical insurance plus benefits. Bucks Co. After 8PM, 215-536-3296.

WANTED: DHI supervisor w/Northeast DHI. Positions open in NJ, NY & CT. Salary from $12,000 to $21,000. Contact: Region 40 Manager. 609-882-0460

WANTED: Experienced sales/service representative for feed and fertilizer business in Centre County. Must be self-motivated, with desire to be of service to our patrons. Good benefits Agricultural background preferred. Sent resume to Lancaster Farming, G-24, P.O. Box 609, Ephrata, PA 17522.

WANTED Farm manager for Simmental herd on Bartletts Island, Maine. Apply only if experienced with beef cattle, AI, calving, making hay. House, utilities, good benefits. Write. Don Homer, Hudson Pine Farm, Tarrytown, NY 10591.

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Wanted Person qualified to help manage a 100 cow dairy farm. Must be ambitious and have good moral standards. No Sunday Calls Please. 302-684-8601.

Work Crew -prefer Amish/ Mennonite- wanted to clean-up and remodel old farmhouse and grounds in Chestertown, MD. Call JoJo early mornings (609)452-8903

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For agricultural related work
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Sell Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
Call
Animal Medic, Inc.
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Immediate Opening
Experienced
Farm Equipment
Operator
in Chester Co.
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HELP WANTED
Truck driver to deliver eggs into New York City & New Jersey Metro area. Home every night, work 4 days most weeks. 50 to 60 hours per week. $22,000 per year plus great benefits. Must have Class III license. Apply in person or call.

Dutch Country Egg Farms
Fredericksburg, Pa.
717-865-6637 or 1-800-331-3811

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Contact the Agricultural Employment Specialists
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Agri-Employment Services
P.O. Box 233
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*** An employer fee paid agency**

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July, August, September
Person needed for each of the following Counties: Lancaster, York, Lebanon, Berks, and Dauphin.
Your vehicle required.
Opportunity for excellent pay.
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CARETAKER/LIVE-IN
Lawncare, light handy-man work, small animal care, own garden possible, with separate living quarters. Must be non-smoker. Farm operation can expand with the right person having desire and ability. Fair Hill area.
Send resume or interested letter to:
P.O. Box 3043
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L.A.M. EXCAVATING

RD 1
Boyertown, PA

Equipment Operators Wanted

215-367-7494

CONSTRUCTION CREW

We are presently looking for construction crew personnel at our Stevens office. If you are interested in a permanent position with a leading pole building contractor, please call

Red Rose Building Systems

At (215) 267-4911
All benefits included.

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Long distance tractor trailer driver to deliver New farm machinery to work in -Christian environment. Must be 25 and have good driving record.

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Large expanding dealership with opportunity for advancement. Guaranteed salary, health insurance, life insurance, paid holidays, paid vacations, retirement plan.

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Large expanding dealership with opportunity for advancement. Guaranteed salary, health insurance, life insurance, paid holidays, paid vacations, retirement plan. Send resumes to:

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Responsible and motivated persons who seek a rewarding and progressive career working with people are welcome to apply for work in artificial insemination sales and service for cattle. Preferred: ag background, safe driving record, willing to relocate in PA, education and/or experience given positive consideration. Compensation: above average income, fringe benefits, equipment provided, paid training, travel allowance. Mail resume to:
Atlantic Breeders Cooperative
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COUNTRY MEADOWS OF LANCASTER
DOWN HOME COOKING
Do you like to be with older persons but don't want to work in a nursing home?

Country Meadows of Lancaster assisted living retirement community is looking for the right person to cook for our small group of retirees.

If you can cook at home, you can cook for us.

Please contact Jane Jackson
717-392-4100

23 HELP WANTED

Assistant Herdsman for purebred operation, with knowledge of AI, show and sale cattle, and general farmwork. Housing for single occupancy available Send resume to P.O Box 332, The Plains, VA 22171

Experienced Farm Equipment Operator wanted for large Union County grain farm Year-round work Excellent benefits 717-966-1269 Evenings

FARM HELP NEEDED! Dependable person to work full-time on Chester County horse farm We need someone to help with maintenance, grounds keeping, and horses References required. (215)383-4717 between 8 a.m and 8 p.m.

FARM TRACTOR MECHANIC WANTED. M.M. Weaver & Sons, Massey Ferguson Dlr. 717-656-2321

Farm help wanted to work on purebred beef cattle, hay & crop farm Experienced operating farm machinery required. Apartment available. Salary commensurate w/ experience & ability. References required. Start immediately. 201-234-0728

Farrier apprenticeship available. Looking for a hardworking individual who is interested in learning the trade. For more information, call (215)932-0322.

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Full time positions available for persons to work on modern poultry farm Housing, salary, vacation, bonuses and other benefits Call collect 607-533-7901 or 607-257-6111

Full time position for someone with experience in sheep cattle and crops, for large farm located in Piney River, VA. Send inquiries to: P.O. Box 18, Piney River, Va. 22964. 804-277-8497.

Herdsperson, 75 cow Registered Holstein Herd, excellent wages & benefits for qualified person, housing available. Chester Co. 215-458-5023

Large Swine Confinement Unit has full-time position available Good starting salary, plus benefits. No experience necessary, have full training program. Marietta/Lebanon, PA Area. Call 717/865-3338 during working hours, or 717/865-2030 eves

Nursery Foreman wanted A growing nursery on the upper eastern shore is seeking a person to supervise daily nursery operations This individual should have a strong agricultural background and excellent leadership ability. Salary will commesurate with experience and will include full company benefits. Contact Sycamore Lane Nursery and Turf Farm, P.O. Box 240, Warwick Md 21912, 301-755-6737.

Person to work on hog farm. All benefits.

Apply in Person
Hess Mills
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Agricultural person wanted to operate spray equipment. Full time, good wages & good benefits.

Beitzel's Spraying
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To groom, feed & care for Limousin Beef Cattle. Attend National Shows to promote & show our cattle. Experience with fitting, showing, feeding & breeding (Genetics) a must. Location of farm is Reading, Pennsylvania

NORTH AMERICAN LAND & CATTLE CO.
(215) 926-2344

NEWS CORRESPONDENT FOR CUMBERLAND COUNTY AND MIFFLIN COUNTY

Lancaster Farming is looking for a correspondent for the area listed above. This correspondent should live in the coverage area. The part-time position requires person to attend farm meetings and report on them. In addition, the correspondent will also write feature articles about farmers and farm families.

Applicants should possess good writing and general communications skills. Farm background a plus. Also must have a 33mm camera and be able to take news and feture photos.

Send a letter, writing samples and resume to:

Everett Newswanger
LANCASTER FARMING
1 East Main St., Box 609
Ephrata, PA 17522

EMPLOYMENT OPPORTUNITY

Business Manager/Fieldman

The Pennsylvania Guernsey Breeders' Association is accepting applications for a Business Manager/Fieldman. The duties of the Business Manager/Fieldman include: breed marketing and promotion, cattle sales, youth programs, and milk marketing.

Interested persons should send a resume by June 15th to:

Pennsylvania Guernsey Breeders' Association
P.O. Box 257, State College, PA 16801

Help Wanted
Truck driver & mill worker with valid class 1 driver's license
C.P. Wenger & Sons
733-2218

24 SITUATIONS WANTED

Farm manager of cash crop operation. Extensive manageing/operating experience; corn, beans, wheat, hay, beef cattle in mid-west, northeast and Australia. Family man. Resume upon request. (518)851-2912 evenings.

Married man seeks permanent live-in farm position. Experienced with horses, cattle and machinery. Non-smoker, non-drinker, no children, own 2 horses. Good references 508-528-5548

Poultry sales/service position wanted Lancaster area. 3 yrs. sales experience w/BS degree in ag. Poultry experience. After 7PM, 609-275-9238.

Wanted: JD 730 gas or electric start diesel. Must be excellent. 412/925-7829

25 BUSINESS OPPORTUNITIES

For Sale: ten ton Stolfers dry lime spreader box w/30' booms and drag chains, $1,400. Mifflin County. (717)899-6121.

Tioga County Business Opportunity. On busy highway. Established variety store. Building excellent. Owner retiring. Write to: Lancaster Farming, P.O. Box 609 K-194, Ephrata, Pa. 17522.

FOR SALE, LEASE or JOINT VENTURE - Two Industrial Buildings - 107,000 & 28,000 square feet at DIMOCK
Mason and steel construction, high ceilings, loading dock, 400 amp 3 phase, no zoning restrictions, 6,000 sq. ft. of office, excellent for manufacturing or warehousing, or veal.
LEASE: $1.50 sq. ft. SALE: $11.00 sq. ft.
Call GEORGE at 717-278-3704 Days or CAPTAN at 201-567-3564 nights & weekends at 717-965-2419

OPPORTUNITY FANTASTIC

The Company: Perka Buildings, a leading manufacturer and marketing company of building systems in all steel and/or steel & wood requires a STATEWIDE MARKETING CONSULTANT.

The Product: For Commercial, Industrial, farm, and Custom uses The best method of insulation application Up to 20 different models of engineered buildings to choose from

The Marketing: Training in Sales- Hiring-Motivating-marketing and Product Knowledge Sales aids with continuous backup in motivation! Exclusive Territory- No Francise Fee!

Ask Yourself: Would you like to own and operate your own business? Do you want to succeed based on your own efforts and abilities? Would you like to be independent and write your own paycheck? Are you capable of earning $50,000 to $100,000 per year? Would you invest your full time efforts into it? Are you financially capable of financing yourself for 30-60 days? If you can answer yes to the above, then write or call now for more information!

PERKA BUILDINGS, Eastern Div.
RR2, Box 29, Warner Rd.
Columbus, NJ 08022
(609) 267-5571

PERKA BUILDINGS

Want to make $15/hr. at home? Handmade item every dairy farmer needs. Easy extra income for men, housewives, teenagers, retired, and disabled. Free information. SASE to: Goodville Farm Services, Box 6, Goodville, Pa. 17528.

26 HOUSEHOLD

Top of the line water bed, 1 year old. Would like $350. 717-733-2261 Ext 209 7 a.m. to 4 p.m or 717-665-6822 after 4.30 p.m.

Wanted: Second Handed Pioneer Maid Cook Stove, w/or w/out Reservoir Please State Price Samuel L. Hostetler, R D #1, Box 244, Reedsville, PA 17084

APPLIANCES
Central PA's oldest & largest used only appliance store now open in Lebanon. Over 150 rebuilt appliances to select from. All appliances guaranteed 1 year.
W.S. Enterprises
15 S. 9th St.
Lebanon, PA
717-272-2405

27 PETS

Catahoula Working Farm Dogs For Sale. 215-493-4900

AKC Labradore Retreiver Puppies. Blacks $195, chocalates $250. Shots, wormed. Hips and health guaranteed. Professionally bred for hunting and show. Call 717-364-5801.

For Sale Registered Border Collie pups, shots, wormed. Lancaster County 717-859-2694.

German Short Haired Pointer puppies, championship lines for field or show. (301)771-4526.

Pair AKC beagles. Excellent breeders.-$60. 717-345-6278. No Sunday calls.

Registered Australian Shepherd Puppies. parents working trial winners. Guaranteed to work. Started and trained adults available. 814/356-3366

Registered Australian Cattle Dog, Red male, 1 yr. old. 304/754-7391

WANTED Puppies For Pets
AKC, Purebred, Mixed Litters.
Stud service for most breeds
Transportation provided
Forest Ridge Kennel
296 S. Vintage Road
Paradise, PA 17562
717-442-4259

STUD SERVICE. AKC Norwegian Elkhound. Champion bloodlines 717-354-9196.

Two year male Jack Russel terrier. Will sell best offer 717-536-3618.

Kuvasz Puppies
Farm raised Working Dogs, Some Show Quality.
Reservation w/Deposit
(304) 258-4432

BUYING AKC PUPPIES & PUREBRED KITTENS
For resale as pets. In business 19 years.
Call
717-822-2033

PUPS WANTED
By Jo Jo

PURE & MIXED BREEDS HANDLED

I Will Buy Pups June 6, 1989 5-8 PM @ Roots Farm Market 10 mi. South of Exit 20 off the PA Turnpike Manheim, PA

Call 1-609-452-8903 collect before 8 AM for details.

P.S. This week there will be a $50 prize awarded for the cutest puppy & for the puppy who traveled the furthest distance.
Congratulations to last weeks prize winners:
No prize for cutest pup.
Furthest Distance:
Samuel Stoltzfus, Gratz, PA.

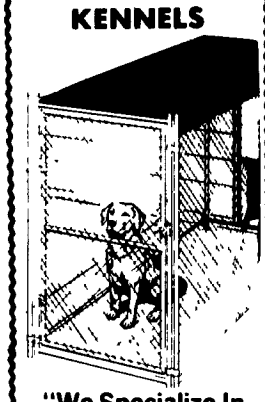
P.S. Pup stand at Roots Market will be closed June 20 thru August 1st.

WANTED-Puppies, all breeds Jack's Dog Farm, Rt 611, Pipersville, PA 18947 215-766-8802.

Wanted. English Sheperd Puppy Working ability and good temperament desired. Show quality not a concern Call Collect 1-301-778-0859

PUPS WANTED
AKC & Cute Curly Mixes, 7 weeks old for pets only. Highest cash prices paid. Reliable weekly pickup. Call The Puppy King at Pet Depot.
201-295-2442
Daily
201-899-5868
Early Morning Call Collect
215-350-5249
Thursday Only
P.S. We buy pups 52 weeks a year.

CUSTOM BUILT CHAIN LINK KENNELS



"We Specialize In Kennels"
Singles To Large Complexes
Apply To:
Quality Fencing & Supply
662 N. Shirk Rd.
New Holland, Pa. 17557
717/354-9760

32 MISCELLANEOUS

WOODWORKING MACHINERY
Discounted.
1-800-445-4669
Terre Hill, Pa.

YARD SALE, located at Rt. 34 N. near Meck's Corner, June 3rd, '72 Chevy 4x4, runs good; snow plows; hay rake, very good condition; JD Baler w/kicker; transport disc, old ride behind mower; hay wagon; Minniapolis Corn Picker w/ combine; Case forklift; 200 folding metal chairs; cast iron kettle; 3 pt. hitch, 2 bottom plow; highers; cast iron feeding trofts, antique. 717-582-8873 call anytime. Can be seen at yard sale.

60' elevator leg, no belt or buckets, assorted 3 phase motors, 5 hp to 75 hp 717-524-7810

Air compressor 2 stage, portable, 45 CFM, 175 PSI, 23 hp, only 2 hrs use $4,900 215-723-7566 M/F 7a.m-5 p.m

Children's Lunch Boxes and Thermos bottles, embossed and painted label soft drink bottles, beer trays and bottles, milk bottles and other collectibles and small antiques. Write Hubert Snyder, 422 6th St., California, PA 15419, or call 412-938-9365

Fairbanks Morse scales w/ Howe weight-o-graph, total capacity 80,000 lbs Lancaster County (717)786-2166

Hi Pressure Steam Cleaner, $650 OBO Heil Wench ½" cable, $150 Lenair waste oil fired heater, Model L80, $250 OBO 215-542-9561

I Mr 3L buy the following 22 years in business paying good prices for old posters, all kinds, old advertising, old boxes, old tins, cigar boxes, old magaziners and old newspapers, used books, complete libraries, kitchen ware tools, old dolls and games, movie items, political buttons and political items Sport items, new or old, prints and pictures, old postcards, old photos, old stock certificates, old labels any kind, china, glass and small furniture. US Marine Corp and Military items, old railroad, auto and aviation items, any old paper items. (717)687-6165 or bing to Mr 3L's Collectures Center, Rt. 30, Soudersburg, PA, 10 a.m to 9 p.m.

Locust post & fence board Will buy standing timber, locust trees. Higgins Saw mill. Glenn Rock, PA 717-235-4189.

PA Walnut 18th Century Tavern Table w/2 drawers & (2) Tall Case Clocks. 412-852-1947

Pole Buildings We can supply your complete building needs. Free estimates. Conestoga Building Supply Company, New Holland, PA 1-800-544-9464 or 717-354-2613.

TIRONIE'S TARPS SHIPPED ANYWHERE 717-584-2928 anytime

WANTED. old barns, log cabins, out buildings, etc for removal. Call 301-357-8108.

WANTED Paper Potato Bags-All Sizes-Any Amount Turn any kind of bags and vegetable boxes into cash Call Charlie 1-800-634-3828 (24 hours).

Waste oil furnaces & boilers, multifuel (wood, coal & oil), automatic coal stokers, hand fired models (wood & coal), (717)626-1397 (717)627-2303.

Aluminum Diesel Fuel Tanks 55-154 Gal. Most tanks - $2.60 per gallon. Also square steel tanks and aluminum tanks in stock. Cylinder size 22, 24, 26 and 28". Have you thanked the Lord today?
Horst Bros.
RD #2, Box 403, Myerstown, PA 17067
(717) 949-3658

$$$$$$$$$$$$$$$$$$$$
CASH FOR PUPPIES
In litter lots for resale in my pet shop. Will pick up.
Call Charlie Hackett
215-681-5236
$$$$$$$$$$$$$$$$$$$$

Yanmar 4WD, 14 HP Diesel Tractor like new, 50 hours, with 60" Befco Rear Mowing Deck, Plow and Rear Scoop. Value $8500. Selling Price: $7,000

1986 Pontiac Firebird, 40,000 mi., A/C, AM/FM Stereo, Excellent Condition $7,000

Amana 18 cu. ft. Refrigerator; excellent condition $325

717/267-0213

32 MISCELLANEOUS

100 Ft corn crib, telephone poles 18' high, 1x2 turkey wire, you tear down or we tear down Make offer 814-355-7591 Ask for Junior

38 Clay dairy V yokes w/ clamps also good used clay water bowls 717-273-1606

(4) 12ft Hill Chest-type Freezers (3) 12ft Bally Service Meat Cases (2) 8ft Bally Service Meat Cases Very good condition Also, 75ft of double row shelfing, like new 215/286-5045 & 215/286-5239 Ask for LeRoy.

Generator 3,500 Watts, Air-Cold, Diesel. Kohler-Lister. $1,000 Phone (215) 857-9670

Penn walk-in aluminum cooler, 15x11x8, 6 Anthony Glass Doors, 2 passage doors, 3 HP system, 2 years old, excellent condition **717-872-5486** Lanc. Co.

QUILTS WANTED
30 years and older. Highest prices paid. Write:
Tom E. Fisher
P.O. Box 277
Elverson, PA 19520
or call
215-286-6618

WANTED TO BUY
Old paintings of animals, people, scenes and other subjects. I also buy silver, decoys, toys and furniture. I will travel for one piece or a collection.
Call Me Collect
201-295-4040
ART

ANTIQUES WANTED
Wall cupboards, pay up to $10,000. Corner cupboards to $5,000. Slant-front desks, grandfathers clocks, rope beds, guns, pottery, toys & anything old. Just give me a call. Free appraisals.
Write:
Tom E. Fisher
P.O. Box 277
Elverson, PA 19520
Or Call
1-215-286-6618
Anytime

34 AUTOS

1985 Ford Van
V8, Automatic, P/B, P/S, Cruise, Tilt, Dual Air & Heat. Solid Black. All seats included. Excellent condition.
$7,900
Call
215/488-7155

33 RECREATIONAL VEHICLES

15 ft. Bowrider with topper & full cover. 1983 Mercury 70 HP power trim & tilt. Very low hours. Including tandem trailer, new tires, new bearings & electric winch. $2700
(717) 733-1735

35 TRUCKS & TRAILERS

Camper. $300. OBO Slide-On, nice interior, closet & table, icebox. 717/225-5328. York Co.

35 TRUCKS & TRAILERS

1941 Brockway, $500. 717-458-5959

1959 Mack H Model S/A tractor, 1948 Fruhauf Dump Trailer, new factory 675 short block, complete 711 engine, Misc parts and complete transmissions Call 717-597-8511

1964 Mac B83, new rubber, restored paint, 120,000 original miles, Cummins w/Jake, 18 spd quad, heavy duty suspension, wench, $10,500. 215-445-4105

1978 Int. tractor, model 2275, diesel engine, wetline, w/flat trailer, $8,400. (717)532-8363.

1974 LNT9000 w/prentice loader. Also 24' reefer box, lift-gate, and new way lift axle (717)286-1064.

1976 Chevy heavy duty truck, V8, 427 engine, 33,000 GVW, 5 spd trans. w/2 spd rear, fiberglass tilt cab w/(2) 50 gallon saddle tanks, 54,000 original miles w/lime & fertilizer spreader body Will sell as unit or separate Very good condition $13,500/Negotiable. Mon thru Fri. 7:30 a.m. to 5 p.m. 717-367-1211

1977 Ford F350 Stake Body, Dual Rear Wheels, 400cu in. 4spd. Runs great! No rust $3,000 717/367-1315

1974 Int. pickup truck, 1 owner, ½ ton w/Lamco wooden body, 67,000 original miles, (4) good radial tires, good condition, $1,000. 717-949-3858 after 6 p.m.

1979 Mack conventional sleeper, RS600L, Value liner 300, 5SP, 11Rx24.5 Budds, 204" wheel base, AC, excellent condition $18,500. 215-677-2979.

1984 INT. S1700
21,000 GVW, 50,000 Miles,
Like Brand New
MELVIN LEHMAN
Bloomsburg, PA
PH. 717-275-2880
After 6 PM Call
717-683-5081

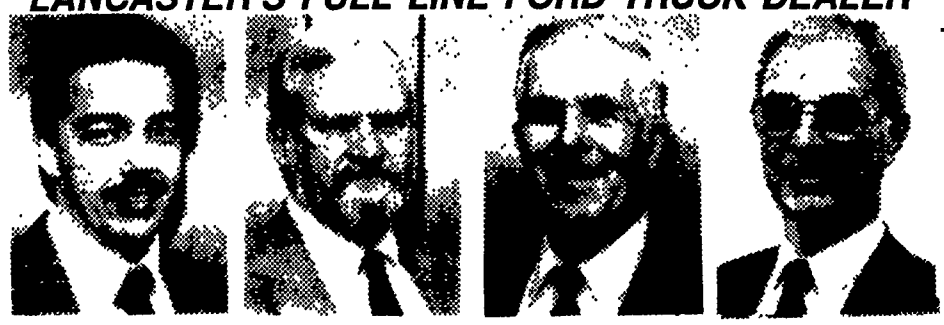
YOUR "ONE TON" A LITTLE SMALL?

Trade up to an exclusive

FORD F-SUPER DUTY

Gain 1½ tons of payload, long or short wheelbase, 7.3L Diesel or 460 Gas, 5 speed Overdrive Transmission.

LANCASTER'S FULL LINE FORD TRUCK DEALER

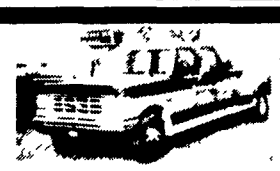


Edward Boring Jon Jensen Nelson Hess William Gast

WOLF Ford TRUCKS

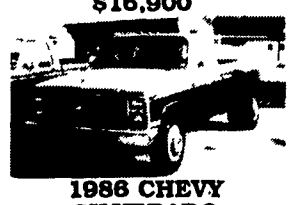
1485 MANHEIM PIKE, LANCASTER 299-4331

1989 FORD XLT LARIAT
F250 4x4, super cab, 351, EFI, auto, PS, PB, PW, PDL, cruise, tilt, air, AM-FM cass., bucket seats & console, 9,000 miles, blue & silver with bal. of factory warranty. Like new
$16,900

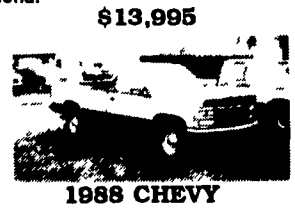


1987 FORD F350 DUAL WHEEL CREW CAB
460, 4 speed, PS, PB, AM-FM dual tanks, red & silver, 28,000 mi., ex. cond.
$13,995

1987 FORD F250 ¾ TON SUPER CAB
300 EFI 4 speed, PS, PB, AM-FM dual tanks, 31,000 mi., ex. cond.
$10,500

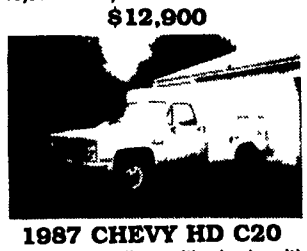


1986 CHEVY SILVERADO
C30, dualie 454, auto, PS, PB, air, AM-FM, cass. stereo, tu tone blue, 19,000 miles, like new
$12,900

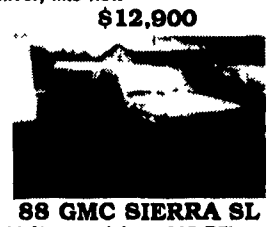


1988 CHEVY SILVERADO.
3500 1 ton pickup, 454 auto, PS, PB, PW, PDL, cruise, tilt, air, trailering package, 17,000 miles, black & silver, like new
$12,900

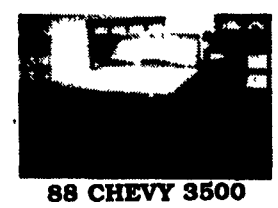
1987 FORD XL F250
Super cab, 351, auto, PS, PB, air, cruise, tilt, AM-FM, dual tanks, 8600 GVW, 11,000 miles, ex. cond.
$12,900



1987 CHEVY HD C20
With new Reading utility body with roof & ladder rack, 350 auto., PS, PB, AM-FM, 8600 GVW, 15,000 miles, like new
$12,900



88 GMC SIERRA SL
2500 ¾ ton pickup, 305 EFI, auto., PS, PB, with cap, 6 year 60,000 warranty, 3,000 miles, like new
$10,500



88 CHEVY 3500
1 ton pickup, 350 EFI 4 speed, PS, PB, 8600 GVW, 11,000 miles, blue with transfer of 6 year 60,000 mi. warranty, like new
$10,700

A & J AUTO SALES

798 East Main Street - Rt. 322 East
Ephrata, PA 17522
Specializing In Late Model, Low Mileage Trucks
717-733-2873

1974 PETE
350 Cummins, 13 Speed, Air Ride Suspension, 22" Rubber.
$5,995

1977 MARMON
350 Cummins, 15 Speed, Reyco Suspension A/C.
$7,995

1980 FREIGHTLINER
Detroit 440 HP, 13 Speed, 4 Spring Suspension, AC
Was ~~$11,700~~
NOW $10,500

DUTCHMAN'S TRUCK SERVICE, INC.

FREIGHTLINER TRUCKS

DENVER, PA 17517

MARMON

PA TURNPIKE EXIT 21
Phone: (215) 267-2867

MCDONNELL DOUGLAS TRUCK SERVICES INC.

USED TRUCK CENTER-LANCASTER, PA

717-569-2648

(2) 85 Ford LN8000, 3208 Cat, 10 Spd., P/S, A/B, 50,000 GVW, Tandem Axle, 22' Morgan Reefer With MDI-SSVI Thermo King..... **$35,000**

(2) 83 Ford LN8000, 3208 Cat, 5 & 2 Spd., P/S, A/B, 35,000 GVW, 18' Hackney Reefer With MDI-SO Thermo King - Unit Summer Special..... **$18,500**

84 Iveco Z220, Flat Diesel, 5 Spd., GVW 14,800#, MI. 103,000 With 12' Delta & Temp. Con. Ref. Unit., Swing Rear Doors - Reduced To **$10,000**

CONVENTIONAL SPECIALS

85 Ford LNT9000, 3406 Cat., 9 Spd., P/S, A/C, 38 Rears, Hendrickson Susp., Very Clean..... **$34,000**

(2) 84 Mack R-Model R688ST, 350 Mack, 10 Spd., P/S, A/C, Camel Back Susp. Nice Conv., Starting At..... **$34,500**

84 IHC, F2275, T/A, NTC 350, 10 Spd., P/S, A/C, Reyco Spring Susp., Reduced To..... **$26,000**

83 Kenworth W900, NTC 300, 10 Spd., P/S, A/C, Reyco Spring Susp., Very Clean..... **$26,000**

78 Mack R685ST, Mack 237, 5 Spd. P/S, Nice Clean Single. **$13,500**

78 IHC 2275, NTC 300, P/S, A/C, 10 Spd., Single Axle, Reduced To **$12,500**

CAB OVER SPECIALS

84 IHC COF9670, XL Series, NTC 350, 9 Spd., P/S, A/C, Spring Susp., Very Clean..... **$20,000**

83 GMC Astro T/A, 350 NTC, 9 Spd., P/S, A/C, Custom Int., Spring Susp., Nice, Reduced To **$16,500**

83 Frt/Lnr, T/A, C.O.E. Non/Slp., 350 NTC, 9 Spd, P/S, A/C, Spring Susp., Asking Only..... **$12,000**

83 Mack Cruise Liner Single Axle, 300 Mack, 10 Spd., Spoke Wheels, Very Clean, Reduced To **$14,000**

CAB & CHASSIS

(2) 85 Ford LN7000, 3208 Cat, 5 & 2 Spd., P/S, 16' C&C, Very Clean.....Starting At **$14,500**

84 IHC S1954, DT 466, P/S, A/B, 20' C&C, 33,200 GVW... **$16,500**

83 IHC S1954, DT 466, P/S, A/B, 18' C&C 32,800 GVW.... **$15,500**

84 IHC 1850B Cargo Star, DT 466, P/S, 26' C&C, 25,000 GVW Reduced To **$8,500**

SUPER SPECIALS

78 IHC S/A, C.O.E., 290 NTC, 9 Spd., A/C, No P/S..... **Cheap**

81 Hackney 18' Reefer Body w/XMD - 50 Tk. & Std/By **$4,000**

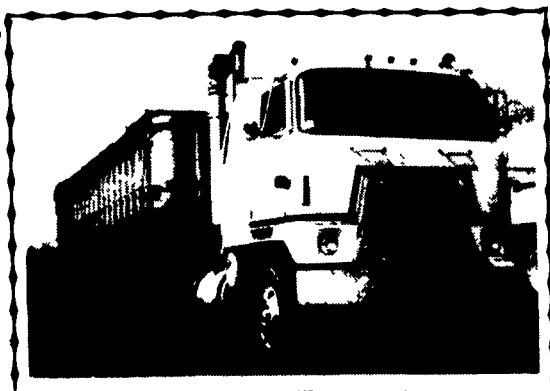
XMD-So Thermo King Unit With Elect. Std/By..... **$2,000**

86 Morgan 24' Flatbed Body With Stake Sides..... **$1,600**

Clear Storage Tanks

11000 gal. ½ & ¾ " thick
One has it's own pedestals
Priced To Sell!!
We Deliver

Kisko Salvage
Rt. 209, Tremont, PA 17981
717-695-3332



1976 IH Transtar
Nice, $7,500
301-928-3000

'86 Olds Delta 88 Royal, V6, 4 door, blue, 40,000 miles $7,800
'86 Mercury Sable GS, V6, auto., 4 door, black, 32,000 miles...$6,900
'86 Pontiac 6000, 4 cylinder, auto., air, 4 door, black, 26,000 miles $6,800
'86 Olds Fiernza, 4 cylinder, auto., air, 4 door, brown, 57,000 miles $4,900
'86 Ford Escort, 4 spd., 2 door, blue, 18,000 miles.....$3,900
'85 Pontiac Sunbird station wagon, 5 spd., air, 59,000 miles $3,900
'85 Olds Cutlass Supreme, 2 door, V6, auto., loaded, 54,000 miles $5,900
'85 Pontiac Gran Am LE, V6, auto., loaded, 40,000 miles.....$6,800
'85 VW Quantum station wagon, auto., AC, 55,000 miles.....$4,800
'84 Chrysler New Yorker, 4 door, auto., loaded, 33,000 miles...$5,400
'85 Chevy Astro 7 passenger Van, V6, auto., air, 68,000 miles..$6,900
'85 Chevy Astro 7 passenger van, V6, auto., air, 49,000 miles $7,900
'85 Chevy S10 pickup, V6, auto., 71,000 miles $4,900
'85 Chevy 20 Van, V8, auto., 62,000 miles $6,400

Brubaker's Auto Sales
Myerstown, PA
717-866-5237

1977 Int 1700 24' flatbed, A-1 shape, good hay truck, $3,000. 814-349-8016

1971 Peterbilt Cabover Sleeper, 400 Cummins, Big Cam 50,000 on complete overhaul, 13spd , air-ride, excellent rubber, wetline available, $6500 /OBO Eves 717-966-1269

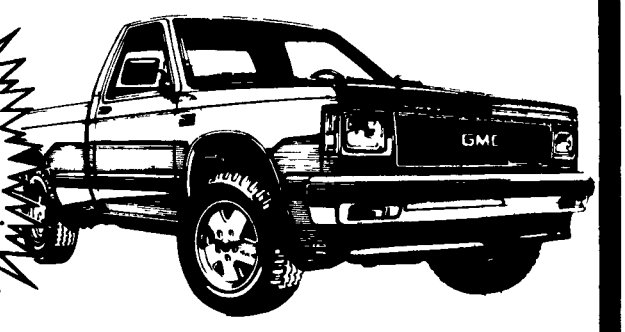
1972 Ford LN9000 tri-axle dump truck 19' pen aluminum box with full cab protector used for grain Truck has 318 Detroit engine, 10 speed road ranger, good rubber, new paint, Hendrickson suspension Very good condition $12,800 OBO York County (717)235-4427

1981 GMC Astro, 6V92 Detroit, 9 spd , Jake brake, AC, AM-FM, moto mirror, 260,000 original miles, nice truck for $7,000 215-598-7155

1981 GMC Top Kick, 3208 Cat, 10 spd , PS, Air Brakes, double frame, 33,000 GVW 301-877-9889

AT JONES GMC
YOUR SATISFACTION COMES FIRST!

List Price $8,114
Customer Investment $137/48 Mo.*



1989 GMC S-15 PICKUP
VALUE DISCOUNT PACKAGE
PLUS GMC QUALITY

1000 Lb. Payload
2.5 Fuel Injected Motor
5 Speed Transmission
All Season Radials

Free Lifetime Inspection Fee
First 3000 Mile Service (Including Lube, Oil & Filter) Free

* Based On 48 Month Closed End Lease, Excluding Tax & Tags, Includes Dealer Prep & Freight

USED TRUCK SPECIALS

'77 JEEP W WAGONEER
4x4, V8, AT, PS, PB, A/C, 68,000 MI., Red, #5008H
$3,500

'85 CHEVY VAN BEAUVILLE
V8, AT, PS, PB, Tilt, Brown & Tan, #5050P
$7,900

'82 GMC SIERRA ½ TON
V8, AT, PS, PB, PW, Power Locks, Red & Gray #5037P
$3,300

'86 GMC S-15 4x4
6 Cyl , AT, PS, PB, AC, Blue & White, Two Tone #5064P
$7,900

NOBODY ELSE COMES CLOSE

JONES GMC TRUCKS

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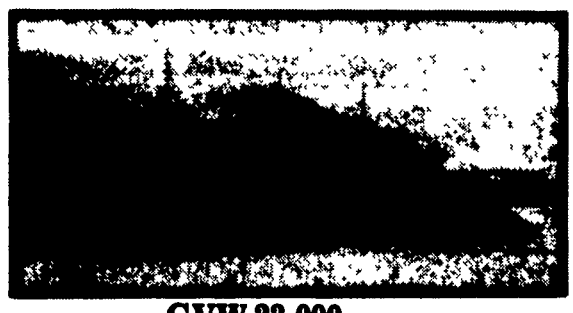
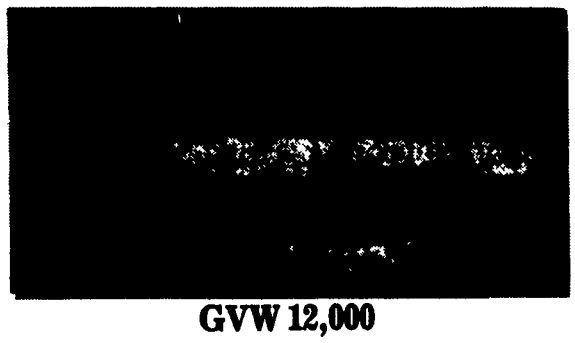


GVW 23,000



GVW 12,000

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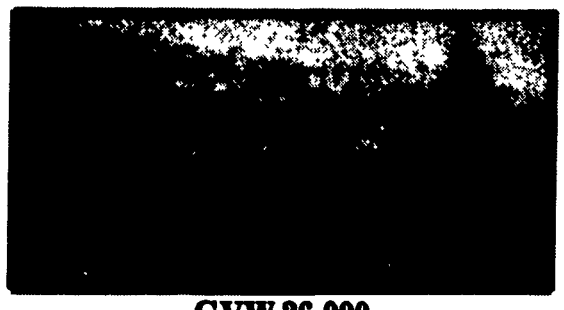

GVW 26,000

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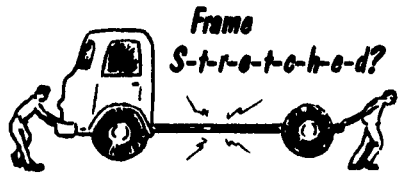

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1974 Ford F800 dump truck Single axle, 25,500 GVW. Phone (215)779-8772.

1968 Int 1700 series 14½' dump w/extra sides, total loadspace 17 yards, single axle, P/S, P/B, 345 5-speed 4x4, excellent shape, no rust. Original miles 10,500, was fire truck, sat in garage. $5,800 OBO. (301)790-0450

1968 International Loadstar 1600, gas, 25,000 GVW, 5+2 speed rear, 14' bed with sides, $1300 Adams Co. 301-833-2163 7PM to 10PM.

1969 Trailco Aluminum Dump Feed Trailer. Good condition $8,500 717/649-5992

1970 GMC 9500 6-71 Detroit 5+2 20' Jerr-Dan Rollback, new 10x20 tires, 33,500 GVW. $7,500. 215-286-6756.

1970 White freightliner, 350 Cummins, 13 speed, A/C, air-ride, good condition, $3,800. (717)244-4419.

'78 Peterbilt cabover, approx. 650,000 miles, 400 Cummins

46½' Great Dane Potato Trailer w/Conveyor

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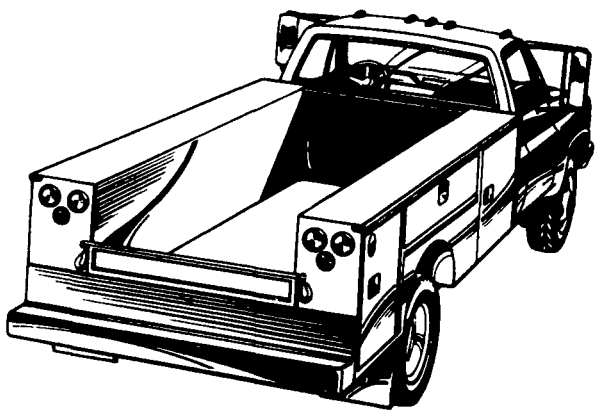


1989 CHASSIS CAB - UTILITY BODY

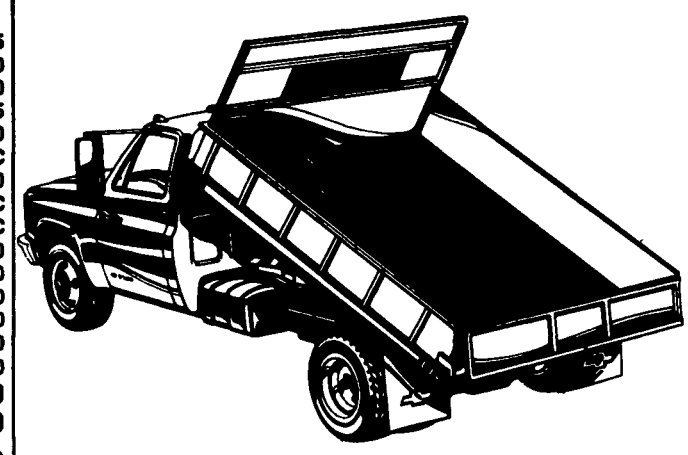
Base Price	$10,816.25
Freight	550.00
Dome Lamp	23.80
Ext. Senior W/C Mirrors - PTD	14.45
Front Stabilizer Bar	34.00
Rear Axle - 4.10 Ratio	N/C
Extra Capacity RR Springs	102.00
5.7 Liter EFI V8 Gas GM Engine	N/C
3-Speed Automatic Transmission	531.25
Dual Rear Wheels	102.00
ETR AM/FM Stereo Radio	210.80
Cigarette Lighter	27.20
H.D. Rad and Trans Oil Cooler	53.55
7.50-16/D TBLS Hwy. Nylon B/W	-241.40
7.50-16/D TBLS OOR Nylon B/W	217.60
Utility Body	3,145.00
Factory Invoice	$15,586.50
Less Holdback	-419.70
Delivered Price	**$15,166.80**

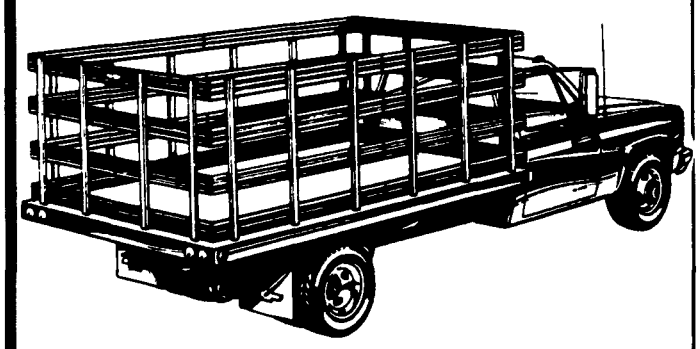
Stock #90959

1989 CHASSIS CAB - DUMP BODY

Base Price	$10,816.25
Freight	550.00
Dome Lamp	23.80
Ext. Senior W/C Mirrors - PTD	14.45
Front Stabilizer Bar	34.00
Rear Axle - 4.10 Ratio	N/C
Extra Capacity RR Springs	102.00
5.7 Liter EFI V8 Gas GM Engine	N/C
4-Speed Manual Transmission	N/C
Dual Rear Wheels	102.00
Cigarette Lighter	27.20
Heavy Duty Radiator	47.60
7.50-16/D TBLS HWY Nylon B/W	-241.40
7.50-16/D TBLS OOR Nylon B/W	217.60
Dump Body	3,645.00
Factory Invoice	$15,338.50
Less Holdback	-393.30
Delivered Price	**$14,945.20**

Stock #90878





1989 CHASSIS CAB - STAKE BODY

Base Price	$10,898.70
Freight	550.00
Dome Lamp	23.80
Ext. Senior W/C Mirrors - PTD	14.45
Front Stabilizer Bar	34.00
Rear Axle - 4.10 Ratio	N/C
Extra Capacity RR Springs	102.00
5.7 Liter EFI V8 Gas GM Engine	N/C
4-Speed Manual Transmission	N/C
Dual Rear Wheels	102.00
Cigarette Lighter	27.20
Heavy Duty Radiator	47.60
7.50-16/D TBLS HWY Nylon B/W	-241.40
7.50-16/D TBLS HWY Nylon B/W	217.60
Stake Body	2,195.00
Factory Invoice	$13,970.95
Less Holdback	-396.21
Delivered Price	**$13,574.74**

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- 1987 Chevy C-10 4x4 Silverado, 350 V8, AT, PW, Power Locks, A/C, Tilt, Cruise, Loaded
- 1987 Ford F-250 Super Cab 4x4, 351 V8, AT, PW, Power Locks, A/C, Tilt, Cruise, Cass., Two-Tone, Step Bumper & More
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- 1987 Ford E-350 Club Wagon, 15 Passenger, V8, AT, Stereo Cass., Dual Air, PW, Power Locks, Tilt, Cruise, Dual Tanks, Captain's Chairs, Only 28,000 Mi., 3 IN STOCK TO CHOOSE FROM!
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- 1986 Chevy C-30 Dually, 454 V8, 4 Spd. w/Creeper Gear, Stereo, Vinyl Interior, Dual Tanks, Step Bumper, Load Equalizer Hitch, 10,000 GVW
- 1988 Ford E-250 Van, 351 V8, AT, 7900 GVW, Dual Tanks, A/C, Cass & More
- 1984 Chevy Suburban 4x2 V8, AT, A/C, Stereo, Rear Defogger, Power Rear Windows, Full Gauges, Load Equalizing Hitch, Two-Tone - 4 TO CHOOSE FROM! 4x2 & 4x4's!
- 1986 Chevy 1 Ton Stake Body 4x4, 454 V8, AT, Dual Tanks, A/C, Stereo, Vinyl Interior, Only 19,000 Mi.
- 1986 Chevy Beauville Van, V8, AT, A/C, PW, Power Locks, Stereo Cass., Tilt, Cruise, Captain's Chairs, Two-Tone
- 1986 Chevy C-20 4x4, 350 V8, Standard Trans., 6600 GVW, PS, PB, Full Gauges, Running Boards, Vinyl Interior, Only 24,000 Mi.
- 1987 Ford F-150 Supercab 4x2, 351 V8, AT, A/C, Cass., Dual Tanks, Rear Step Bumper, Jump Seat, Bed Liner & More.
- 1988 Ford F-250 4x4 Diesel, 7.3L Engine, 5 Spd. Trans., Dual Tanks, Rear Step Bumper, Sliding Rear Window, 8600 GVW
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36" KW Sleeper Bunk, very good condition. $900. OBO 717/752-7131

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'84 Chevy G30, 12' Cube Van, 350 auto., PB, PS, air, 96,000 miles, $3,400. 717-733-2873

'84 Chevy Scottsdale C20, ¾ ton, 4x4, 350 auto., PB, PS, 64,000 miles, $4,975. 717-733-2873

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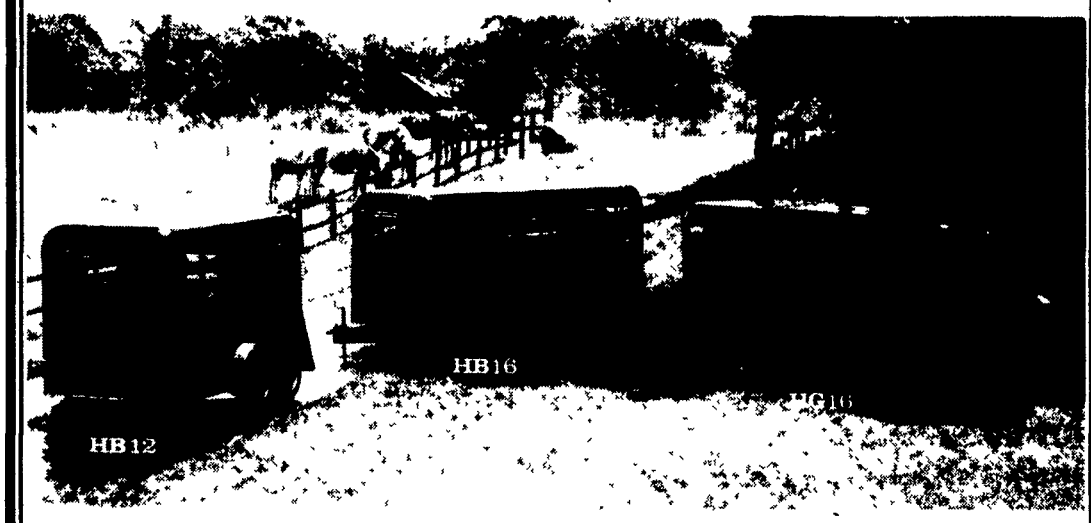

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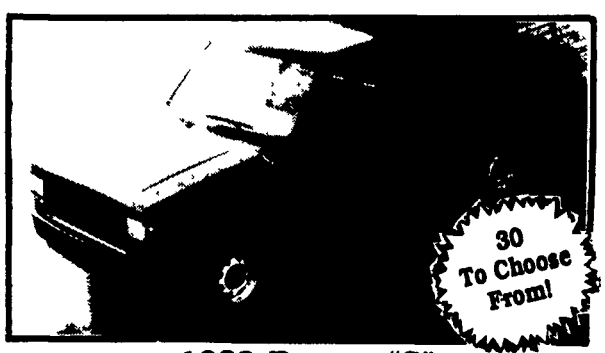
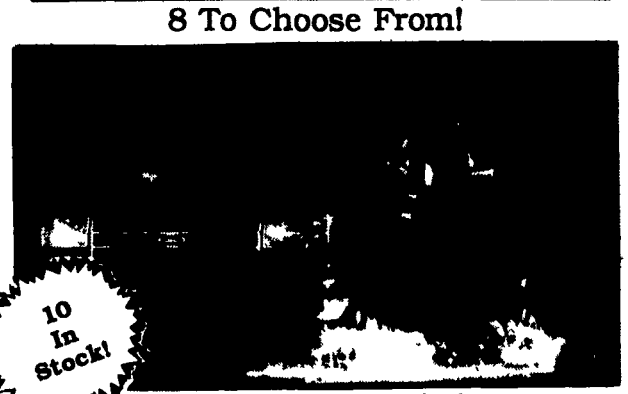


1989 Ranger "S"



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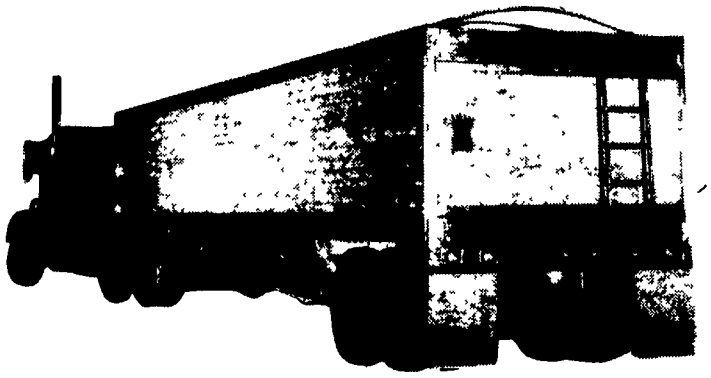

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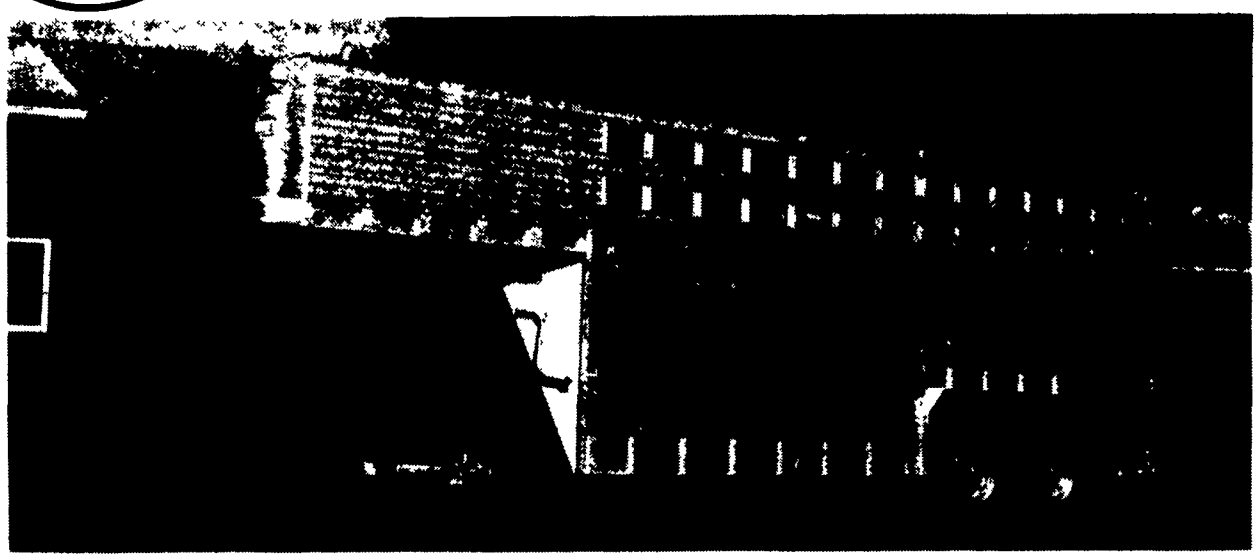
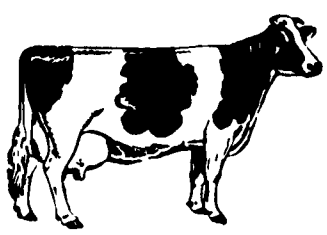


20' Gooseneck Trailer



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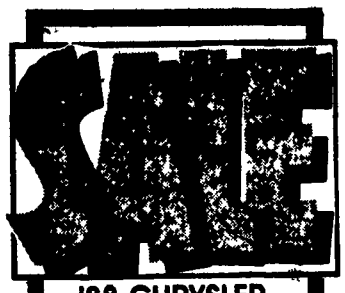
June is dairy month



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WANTED: Knapheide Pacesetter-X, 16' long, 40" steel grain sides or will trade 52" steel grain sides for 40". 302-684-8601

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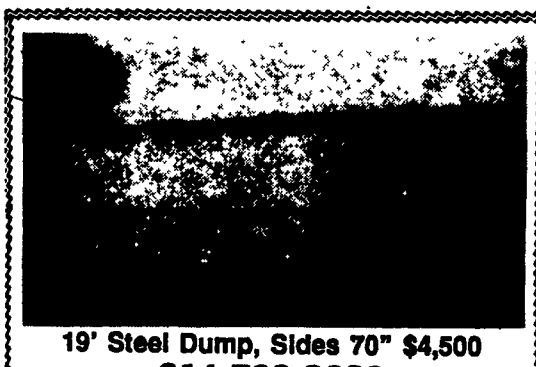

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Cab and Chassis 94,000 mi., 370 Gas eng., 5x2, 220 wheel base, PS, 1022.5 tires, 2 front new, 23,000 GVW, excellent condition $5,100

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★ 4'x8' No Frills.....$459
★ Sport Vehicle Trailer.....$439
★ 9 Ton Equipment, 3 axle$2,999
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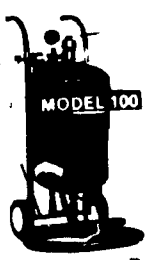

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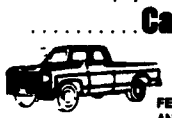

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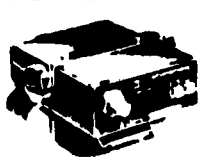

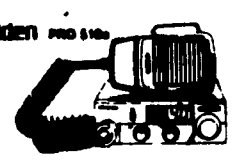

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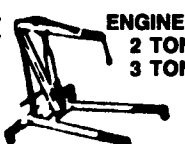

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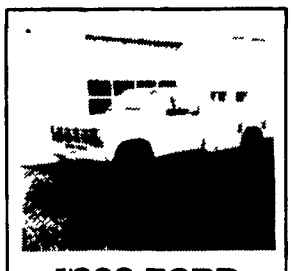

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460 V8, auto, p. steering, p. brakes, radio, dual rear wheels, 9 ft. Reading utility body.
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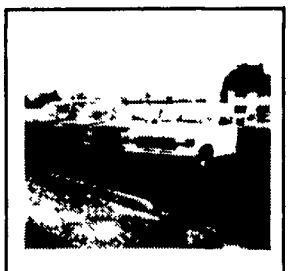

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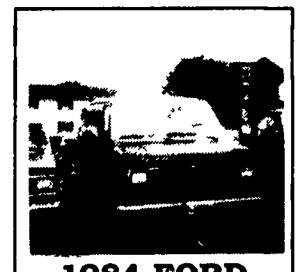
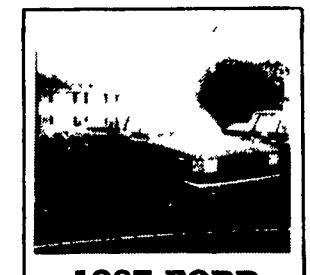


1984 FORD E-350 CARGO VAN
6 cyl., 3 spd., p. steering, p. brakes, excellent condition, good heavy duty work van.
$4,988
ST #8608A



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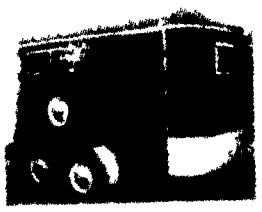

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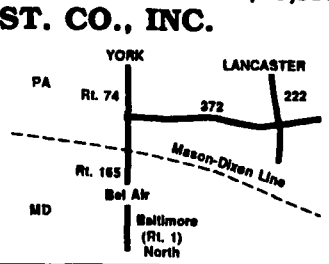

June is dairy month

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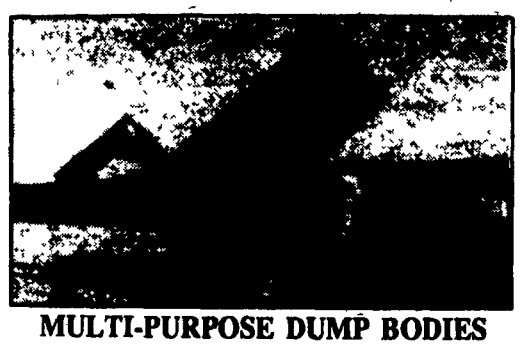

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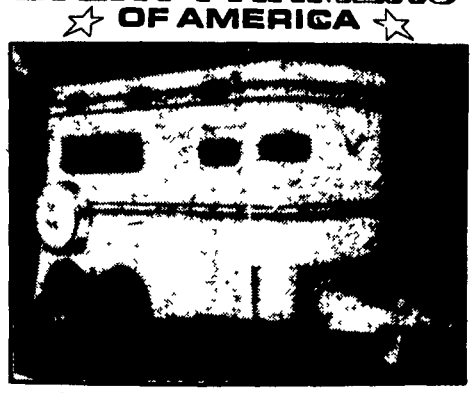

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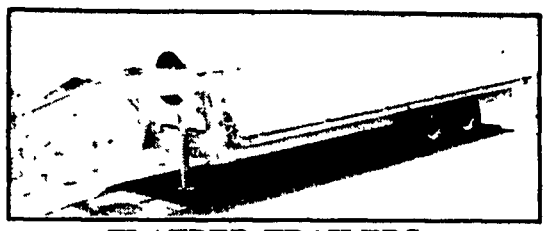

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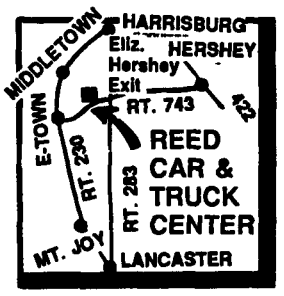

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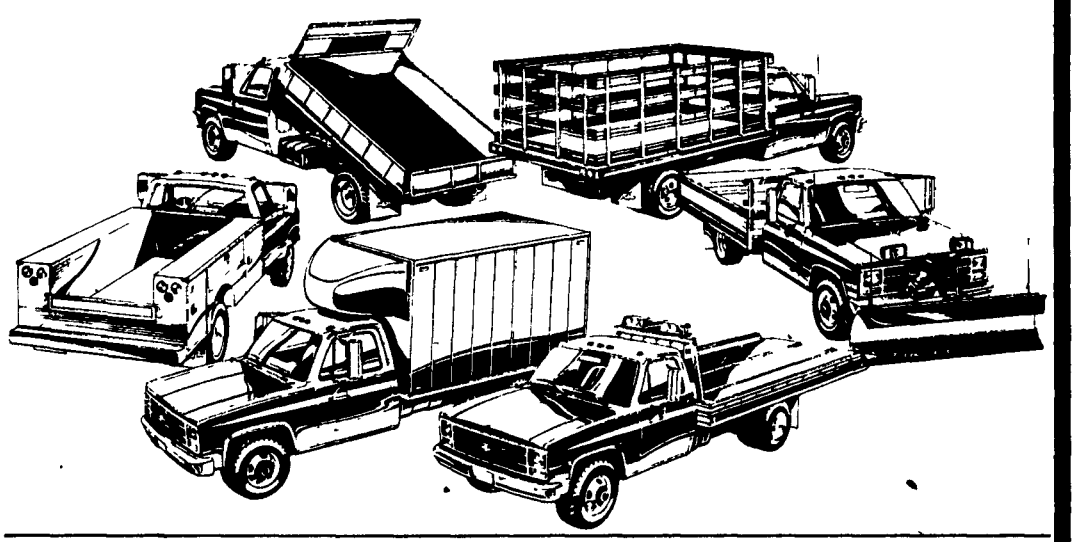

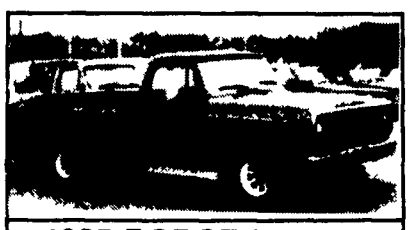

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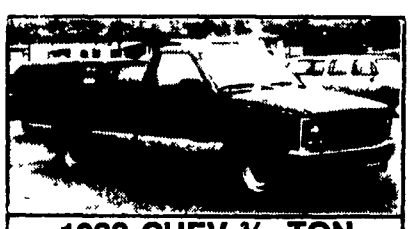
V8, Auto, PS, PB, Stereo & Cassette, Wheels, Sliding Window & More #1933A



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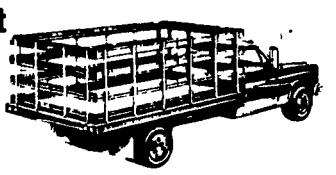
Air, Auto, PS, PB, Stereo, Two Tone & MUCH MORE!! #333A

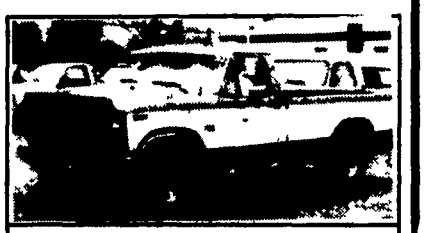
Chevy 1-ton trucks with bodies at special prices!
We've got the special-body-type Chevy truck your business needs And at a special price All Chevy 1-ton trucks in stock are complete and ready to roll' See them today while the selection is still good

Starting at $16,961.00



1-ton stake with 350-cu. in. EFI V8.

With A 9 Ton Hoist Dump & Stake All In One



1983 FORD 4x4 XLT
Two-Tone Lariat, Loaded
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3 Spd, PS, PB, Stereo, Only 62,000 Miles, Big Tires, Good Work Truck! Work Price!
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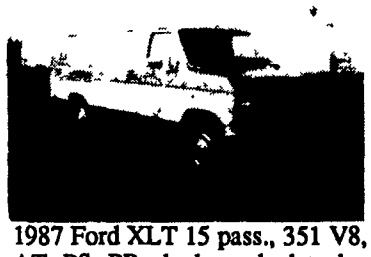
'86 Ford XL E350 club wagon, 15 passenger, 351 auto., PS, PB, dual air & heat, 1 owner, excellent condition, $8,900. 717-733-2873

'86 Ford F250, ¾ ton, 4x4, 300 6 cylinder, 4 spd., PS, PB, AM-FM, 45,000 miles, new radials, $8,900. 717-733-2873

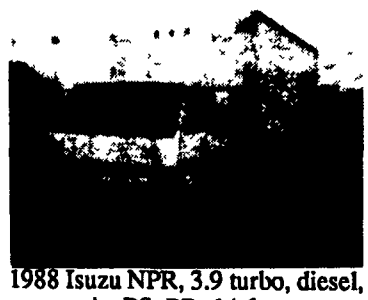
1988 Chevy G30 Beauville 12 pass., 350, V8, AT, PS, PB, AC dual, PW, PL, cruise, privacy glass, captain chairs, 4.10 ratio rear, 18,000 miles.

Four other Chev. Beauville's to choose from.



1987 Ford XLT 15 pass., 351 V8, AT, PS, PB, dual ac, dual tanks, PW, PL, privacy glass, cruise.

Two other 15 pass. Fords to choose from one with a 460 V8.



1988 Isuzu NPR, 3.9 turbo, diesel, automatic, PS, PB, 14 ft. supreme body, 13,250 GVW, 4,900 mile.

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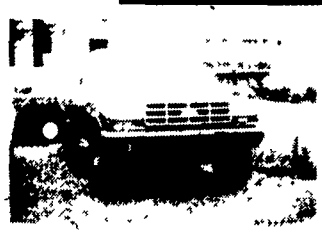
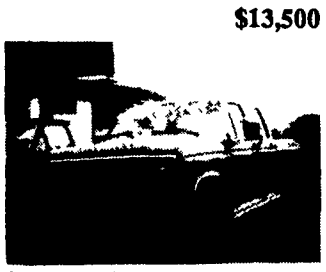


'87 Ford F250 4x4 Super Cab, XLT, Lariet, Red, AI, PS, PB, AC, AM/FM Cass., 460 Motor, Cruise, Tilt, Excellent Condition.
$13,500

'86 Chevrolet C20 Silverado 4x4, heavy duty, AT, PS, PB, AM-FM, cruise, cloth seat, sliding rear window, 46,000 miles, excellent condition.
$10,500



'86 Ford F350 Crew Cab, 6.9 Diesel, AT, PS, PB, AM/FM Cass., Cruise, Air, Tilt, Running Boards, 21,000 Miles, Exc. Cond.
$12,500

'86 Chevy C30 Dual Wheel 4x4, 4 Spd., PS, PB, AC, AM-FM, Blue & Silver, 454, 1 Owner Trade, 63,000 Miles.
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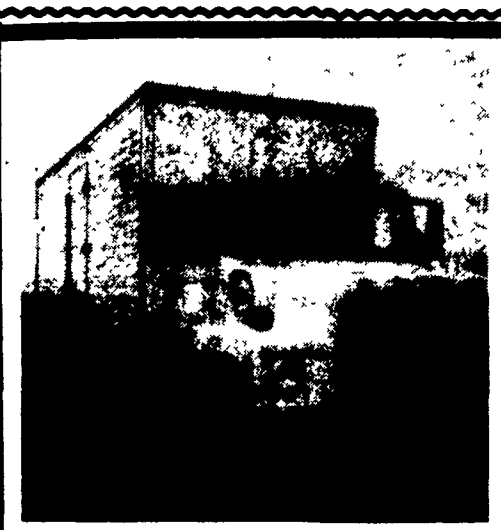

79 FORD LNT8000 Tandem w/22'6" Alum. Van Body, 3208 CAT 210 HP (62W50056) P.S., 5x3, 12F-38R, Hendricksen Spring, Deep Single Frame, 50,000 GVW, 10.00R-20
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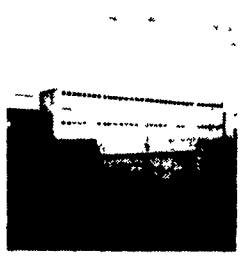
1984 Merritt 48' Cattle Trailer



1982 Eby 46' Hog/Cattle

1978 American 45' Hog/Cattle

1964 Fruehauf 30' Dump

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DAIRY FARM FOR RENT

150 acres of crop land, 3 barns, 40'x80' new machine shed, 40 stanchions and tie stalls, 4 pipeline milkers, 500 gallon bulk tank, 20'x65' silo, newly concreted barnyard. 4 BR house w/two baths.
(814) 652-5070

36 REAL ESTATE

LAND FOR SALE

APPROXIMATELY 200 ACRES in the heart of Centre County, one of Pa's best Deer Counties. Not timbered, accessible by paved road, approximately 15 miles from Penn State and route 80 exit 23. Videotape available for $15.00. Price 201,000.00. Owner will finance. Write to Box 337 Bellefonte, PA 16823.

Southern York County Dairy Farm, adjacent to Golf Course, 140 acres of beautiful land, 70 acres tillable, 40 acres pasture, 30 acres wooded, stream on property, convenient to Rte. I83 and Maryland line.

Call (717) 757-9487
Ask for Bob Schindo or
Alan Lininger

FARM LAND

130 Acres, Cumberland Co.

Near Hays Grove, Stoughstown and Huntsdale area, just off I-81. Excellent. level, Hagerstown soil farm ground. 60% tillable, balance nice woodland with timber. Ideal for farming operation. $1,500 per acre. Financing available.
Give us a call
R.L. SIMONS REALTOR
717-249-5555 or
486-5209 after 6 p.m.

36 REAL ESTATE

10 Acre horse or cattle farmette, new horse barn, new shop building, modern ranch home with 2 car garage, outstanding view, trees and stream, Lebanon County, Penna. $164,900. Call Paul Horst 717-865-3226 Suburban Realty Farm Division 717-867-4487.

277 Acre Farm, Cambria Co., Details: H. Stineman, Box 210 Sidman, PA 15955, 814-495-4134.

29 acre farm w/3 large barns. 3 BR, 2 bath home. Home only 5 years old. 8 stall barn. Acreage all fenced and tillable, currently in alfalfa hay Location near Hagerstown, MD Asking 200,000 (301)582-4068.

3 BR, 2½ story home for sale West Market St, Gratz, PA. On corner lot Separate 2 car garage 717/365-3511, 717/692-4363 after 6PM

6A-Newer house workshop, small barn, Clarion Co, near Fryburg, PA $1,850 Noah Shelter, RD-1, Box-221B, Mt Pleasant Mills, PA 17853

86 Stall Stanchion Barn with pipeline and automatic feeder Also, lot available for mobile home. Reply to Box D-4, c/o Lancaster Farming, P O Box 609, Ephrata, PA 17522

Accomac County, Virginia, 39-A poultry farm, new 27,000 capacity broiler house, good income. New 2-BR home, 1½ bath, cable, kit./D R, oak floor 13-A open; 26-A woods Very private, mile to nice town $239,000 (804)665-6506 evenings

BLACKSTONE VA 300 ac horse or cattle farm, all open, 85 acres new crop alfalfa, restored farm home, 3 farm ponds plus river boundary on two sides of farm 804-292-4234 after 6 p.m.

Dear Mr Farmer: Please sell me an acre or so that I can build my future wife her dream home. Please, it will be appreciated so much Prefer it to be a little South of Lancaster, near the Willow Street, or the Buck area. Will consider others nearby Reply to Fred W Moudy, 124 Pike Ave, Johnstown, Pa. 15904.

Eight acre farm, two-story double house, mostly remodeled, brand new septic system, 4-car garage, bank barn, shed Nescopeck, Columbia County $71,900 (717)752-2536

Snyder County

143 Acre, 116 acres tillable, 2½ story home, bank barn, outbuildings, creek on property.

88 Acres, 36 acre flat tillable land, 4BR home, bank barn, 2 streams $100,000.

195 Acres, mostly tillable, level fields. Two barns, 2½ story home Great buy @ $1,000 per acre.

45 Acres, of tillable land, 3,200 sq. ft. home, small barn with corral Unique property, $175,000

Union County

125 Acres, 70 tillable, bank barn, outbuildings, 2½ story brick house plus a framed home, exceptional.

Juniata County

4.6 A Farmette, 4 BR home, barn, many outbuildings, $80,000

Integrity Real Estate
717-837-1061
717-966-3851
717-286-1600
717-374-7272

FOR SALE BY OWNER

2 farms totaling 656 acres, at $650 per acre. 438 acres cropland, 50,000 bu. grain storage. Located halfway between Nashville & Memphis Tennessee. Write or phone.

W.F. Cope
Rt. 1, Box 20A
Westport, TN 38387
901-986-9672

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61 ACRES PRIME FARM LAND
Northern Lanc. Co., $275,000
CHUCK THOMPSON REALTORS
717-665-3322

SOUTH CENTRAL VIRGINIA

Prime Development Property- Intersection of 2 major highways, 300+ acres, water & sewer available, 20 min. from projected golf resort, financing available. $1,200,000.

924 Acre Cattle Farm - 500 open, balance in mature timber, 25 miles south of Charlottesville, unusual development potential $924,000.

Glenn Andrews Realty
P.O. Box 688
Keysville, VA 23947
(804) 736-9207

Stock farm, 175 acres, 100 tillable, 3 pole barns, pond, large colonial house, nice view, farm tractor and equipment. $129,500.00.

Dairy Farm, 380 acres, 200 tillable, dairy barn, silo, Morgan building, other outbuildings, creek, 5 bedroom house all good condition. Very private. $175,000.00.

LEW Real Estate
141 Chestnut St.
Corning, New York 14830

607-937-5637

STATE LAND ON TWO SIDES

Fantastic hunting retreat at the last stop before 10,000+ acres of PA Game lands. Mostly wooded with small stream. Only one mile from famous Pine Creek for excellent trout fishing. 350 acres at $400/surveyed acre. "A Real Sportsman's Paradise" in "God's Country" - NE Potter Co.

Call
THE REAL ESTATERS
at (814) 367-2249 or
(814) 435-6575

Many other properties available upon request

BILL LAKE REAL ESTATE
Route 6
Smethport, Pennsylvania 16749
Phone: (814) 887-5547

MCKEAN COUNTY

Smethport Area - 109 acre farm with nice 2 story farmhouse. 5 bedrooms and 2 full baths. Large barn & several other outbuildings. Spring water. Trout stream borders. 489,500 #1494

Smethport Area - 11+ acres with a modified A-frame camp. Interior is unfinished. Spring and septic system. Good location. $19,900 #1653.

Port Allegany Boro - Excellent business opportunity. Active flower shop including building, equipment and inventory. Call for details. Priced at $60,000. #1660.

DAIRY FARM - GRANTVILLE

87 acres w/approx. 70 tillable and almost completely fenced w/pond and stream make it ideal for dairy, beef or horses. Well maintained 4 BR, 2 bath farm house, bank barn, 4-car garage and several other out buildings. 5 minutes from Penn National, 15 minutes from Harrisburg or Hershey.

$475,000
Call Bernie Readinger.
(717) 566-6825
At Jack Gaughen Realtor
(717) 534-1302

Juniata County Real Estate For Sale

3 Bedroom Home, 2 living rooms, kitchen, with large screened in porch. Water and sewage, hook-up for another building on same lot 30x50 steel building and 14x28 inground pool.

Located 7 miles from new Ski Peak resort at Thompsontown Pa. Good hunting and fishing area.

William & Saundra Stouffer
R.D. #2, Box 1610
Port Royal, Pa. 17082
Call (717) 527-4828
734-3051

PENNA FARMS
FRANKLIN CO.

108 Acres General Farm, w/bank barn, 70 crop acres, 25 wooded, 12 pasture, road frontage, stream, restored log 2 story dwelling w/L&S Stone exterior. PRICE ADJUSTED.

Buyers for farms 50 acres to 250 acres with or without buildings. General or dairy complexes. If you are thinking of making a change, give us a call for a free evaluation of your property. Call the Farm Professionals.

Charles Wenger, GRI, 263-0945
Fred Willis 776-5369
George Ebener 249-4979
Wilbur Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

WEST VIRGINIA - Lovely older 2 story country home. 157 acres, country kitchen, formal dining room, living room w/ fireplace, large family room w/fireplace and sliding glass doors to deck with beautiful view. 2-3 large bedrooms, 1 bath, utility/laundry room, quiet privacy, mature trees, 2 creeks, 6 outbuildings, pool, free natural gas, low taxes, partly wooded, great for cattle or horses. Owner. $149,000. For details call 304-354-6491.

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the May 27 or June 24 Issues for a complete farm and farmette inventory.

Farm and Land Division

Fred Strouse	(814) 364-1705
Scott Yocum	(814) 466-3150
Terry Gingher	(814) 364-1169

KISSINGER LEONARD & BROWER Realtors

245 S. Allen St.,
State College, PA 16801
(814) 234-4000

PERRY COUNTY

Newport Area, 42 acres cleared, 100% fenced for horses or cattle, 2½ story 3 BR farmhouse, plus guest house. Good well and septic. Spring fed pasture. 40x80 barn. Asking $139,900.

Green Acres Realty Co.
Newport, PA
Phone 717-567-3312

FARMS FOR SALE
James L. Marsh (717) 529-2678
Marlin I. Kreider (717) 627-8244

Lebanon Co. Near Annville

140 acre dairy with milking parlor. 2½ story brick dwelling. 1st floor eat-in kitchen, DR, LR, BR, ½ bath. 2nd floor 4 BR and bath. Bank barn 50x110, dairy barn 120x60, 86 free stalls, room for expansion, 6 stall parlor. Silo 20x60, garage w/shop. 90 acre tillable, spring, stream, pasture and wooded.

Perry Co. Near Loysville

120 acres general, 2½ story dwelling. 1st floor large eat-in kitchen DR, LR, office, ½ bath. 2nd floor 4 BR & bath. 2-car garage. Frame bank barn.

CHRISTIAN M. MOSEMANN REAL ESTATE
734 Main St., Akron, PA
1-800-548-4726 or
(717) 859-1004

STEWART REALTORS
47 W. Pomfret St.
Carlisle, PA 17013

Dreaming of your own estate? 198 acres m/l estate with a colonial limestone house with authentic historical features preserved where possible. Stately home has 14 rooms, circular stairway and located within convenient traveling distance of the eastern seaboard.

Are you tired of looking at farm properties that have buildings requiring a lot of repair? This productive 70 acre M/L limestone farm features a new ranch home and a new 48'x80' pole barn. Located in Cumberland County.

Yester year's charm with all new or restored "Big ticket" items. This limestone house comes with barn and acreage. You own it to yourself to check into this one!

Don't Delay! 30 acre farm adjacent to golf course. Country living convenient to town. Large living room/family room is cozy in winter and cool in summer, and was originally the stone part of the house.

(717) 245-9393

VIRGINIA
2 BEEF CATTLE FARMS LOCATED IN CENTRAL VIRGINIA

MECKLENBURG COUNTY (BETWEEN CLARKSVILLE & SOUTH HILL)

258 ACRES: Well fenced & cross-fenced. Extremely Well-Maintained pastures, 2 ponds, 3 streams. Barn & Cattle handling facilities in excellent condition. (2) 60 Ft. x 40 Ft. Barns, (2) 20 Ft. x 30 Ft. Equipment sheds, (6) Misc. buildings for cattle, equipment and hay storage. Priced at $200,000.

NOTTOWAY COUNTY (NEAR BLACKSTONE)

287 ACRES: A FARMER'S FARM: EXCELLENT Pasture & hayland. 85 Acres Alfalfa, 180 Acres pastureland, 3 Acre Lake, 2 ponds, 2 Story remodeled country home. Numerous storage buildings: Private location in excellent farming area. Bordered on 2 sides by river. This farm is also ideally suited for horses. $300,000.

FOR COMPLETE DETAILS...
VAUGHAN REALTY
P.O. Box 1
Keysville, VA 23947
804/736-8014 (office)
804/736-8085 (Home)
Ask for Richard

PUBLIC AUCTION
112 Acre Farm
Snyder Co.
Friday, June 23, 1989
At 7 PM

Gorgeously remodeled home with finest materials and workmanship Huge barn, great development potential.

For full color photo brochure phone 717-382-4379 or 244-2875. To Inspect Phone 717-539-2435.

Bob and Tom Sechrist Aucts.
License #820 and 821

"FARMS"
BY LARRY LONG REAL ESTATE
JUNIATA CO., PA'S. FOREMOST FARM & LAND AGENCY

154 acs. 130 tillable, 65 free stall barn, 20x68 concrete silo, machine shed, 2 story dwelling, stream, pond, bldgs, semi-secluded, lot of subdivision potential - $275,000.

135 acs. - 50 tillable, 2 story dwelling recently remodeled, bank barn, stream, nice pond, borders STATE GAME LANDS, secluded, subdivision potential - $189,000.

100 acs. 50 tillable, 2 story dwelling, bank barn, spring fed stream, exc. hunting area - $135,000.

50 acs. 47 tillable, 2 story dwelling, bank barn, several sheds, semi-secluded, frontage w/very little traffic, subdivision potential - $125,000.

4 acs. all clear, 2 story dwelling, small block barn w/round roof, 3 bay cement block garage/work shop, other sheds-$59,500-make offer.

NORTHUMBERLAND CO., 5 MI. NORTH-EAST OF SUNBURY

97 acs. 60 tillable, 2 story dwelling w/ original exposed framing and stone interior, air conditioned w/heat pumps, bank barn, small stream, some timber, rear portion of land over looks the Susquehanna River, unique, must be inspected to appreciate - $225,000.

FOR BROCHURES CONTACT
LONG REAL ESTATE
RD#2 Box 410
Port Royal, PA 17082
Ph. 717-527-4784 or 2402

FOR SALE
146 acre horse farm, Stewartstown, York Co., Pa.

- 95 acres tillable
- 18 acres of paddocks, 4 rail fencing
- 30 acres woods
- 2 ponds, 3 acres, stocked-2 streams
- Totally renovated 2½ story Victorian home w/new kitchen, new windows, new siding, deck on 3 sides & has 5 bedrooms, all carpeted.
- New horse barn-15 stalls & wash stall
- Renovated block barn - 8 stalls
- Large bank barn, chicken house, smokehouse, well house, wagon shed
- New underground water & electric lines to house & barn, low taxes.

For Full Information Call:
BENNETT WILLIAMS
BETTER HOMES & GARDENS
717-843-5551 or
717-235-0300

BEAUTIFUL FINGER LAKES AREA

GENERAL/BEEF FARM, 160 acres, 100 ac. till., pasture, 15 ac forest, barn, 2 story home, 3 bdrms, eat-in-kit., liv. rm, $99,500. #2847.

DAIRY/BEEF FARM, 178 acres, 120 ac. till., 30 ac. forest, barn, silo, out bldgs., 5 stocked ponds, 3 bdrm home, inspiring view of distant lakes, $111,000. #2716.

SCHUYLER COUNTY, 109 acre farm, barns, shop, 65 ac. till., 27 ac. forest, ponds, creek, spring, 2 story home, 7 rms, garage, also 48 by 110 cinderblock bldg, formerly a furniture store, display area, mezzanine, storage area, rest rooms, large overhead doors, 3 bay garage area, excellent for boat storage or seasonal business, lakes close by. $100,000 #2831.

82 ACRE HOBBY FARM, 50 ac. till., 30 ac. forest, 30x60 barn w/addition, 4 bdrm cape cod home, hilltop view, scenic area, $82,500. #2844.

78 ACRES, barn, shop, pond, springs, 15 ac. forest red oak & maple, $66,000. Terms, #2892.

ALLEGHANY COUNTY 48 acres, pond, spring, 33x75 metal bldg. w/water & electric, 5 acre pond site, $37,900. Terms, #2920.

SEND US YOUR ADDRESS FOR OUR MAILING LIST AND FREE BROCHURES.

MAKITRA REAL ESTATE, INC
4 West Steuben St. Bath, N.Y. 14810
Fax 607-776-6665
24 Hrs. 607-776-2468
After Hrs. 607-776-2386

So. Northumberland Co. & Surrounding Counties

300 steer feedlot, 3 Harvestores, 8 acres newly fenced. Owner financing $77,000.

97 acres, 75 tillable, excellent soil, large pond site. No structures. $2,000 per acre. Rent option or no down.

5 miles south of Danville off of Route 54

120 acres, over 5000 feet road frontage, stream, no house. $169,000. **Owner Financing.**

47 acres, mostly clear farm land, stream thru, excellent for Christmas trees. No Down or Rent Option. $69,000.

PETER B. **CORTELYOU**
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177

IOWA FARMS FOR SALE

- **240 acres, extra good home, good soils**
- **167 acres, good location, good buildings, Osage, Iowa area**
- **280 acres, extra good ranch home, hog setup from farrowing to finish 45x90 steel shed with insulated shop, 50,000 bu. grain storage.**
- **425 acres, lots of grain storage, setup for livestock feeding, both cattle and hogs**

140 acres, newer home, some buildings

160 acres, very nice home, grain storage & other buildings

320 acres, unimproved land, and pasture

80 acres, all in CRP

These four farms are all located together

- **224 acres, some CRP and pasture and work ground**

Spartz Real Estate
528 Main Street, Osage, Iowa 50461
(515) 732-5803 or
(515) 732-4818 evenings

INVESTMENT OPPORTUNITY
Long term lease on State approved gravel bank, call for details. Serious inquiries only, please!

NORTH CENTRAL PENNA

85 ac. operating dairy farm, 111 tie stalls, pipeline, 1000 gal. bulk tank, barn cleaner, 3 silos, heifer facilities, outbldgs, stocked pond, 6 bdrm house, LR, DR, kit, etc. Possible lease land available. Asking $155,000 #1011

85 acre Dairy Farm near PA Grand Canyon, 36 tie stalls, 14x50 silo with unloader, bulk tank, barn cleaner, 2 story home, 6 miles from Wellsboro. Asking $130,000 #964

Koch REAL ESTATE
9 Cone Street
Wellsboro, PA 16901
717-724-3500

For Sale Perry Co 2 to 10 acre wooded lots, perked and approved 717-438-3115

Government Homes from $1 00 U Repair Also tax delinquent properties. Call 805-644-9533 Ext 526 for current repo list

Operating Dairy, 80 Tie Stalls, 480 acres, 180 tillable, 100 pasture, 200 woods with heavy timber, 3 ponds, beautiful setting, 2 homes includes deer farming operation Unequaled hunting $350,000 Call evenings for appointment 607-359-3921

Poconos 58 Acre Farm Modern custom built split level brick/stucco house, 8 rooms, 3 baths, heated porch. 2 barns, garage/workshop, fenced pastures, riding ring. Garden, orchard, swimming pool, trout stream, nearby skiing, boating, golfing, lakes Easy commute to NJ, NY. Horses, steers or whatever Beautiful view Great investment, $500,000 Owner 215-681-5613.

REMODELED FARMHOUSE 4-6 bedrooms, 3 baths, 2 living rooms, dining room, kitchen, pond, stream, 4+ acres, zoned agriculture $89,000-$95,000 Richland area (215)373-7533 RON HECKMAN REAL ESTATE

SPRING IS HERE--time to make that move to this 17 acre farmette Plenty of room for poultry, horses, cattle or hogs. A three bedroom farmhouse w/ baseboard heat. Located in beautiful Adams Co , convenient to US 15 and 30 $149,900. Call office 717-259-7122 or Helen Millhimes 717-624-8307

WANTED TO RENT Deer hunting land in Pa. or New York, large acres for 1989 Call 302-337-8006 or 609-697-2552

Want to rent Dairy Farm for a 100 cows or more with land and good house 201-875-5185 or 201-875-3996

Want to rent Dairy Farm for a 100 cows or more with land and good house 201-875-5185 or 201-875-3996

Wanted To Rent
Farm in Lancaster Co. for sheep operation w/residence
(717) 393-7436

39.22 ACRES prime hunting land. Wooded w/ evergreen & hardwood. Excel. bldg. sites. $35,000 (M303)

ECONOMY STARTER $28,500 buys this 3 BR home on nice lot. 1 car garage, close to schools, shopping. 15x19 second floor to be finished. $28,500 (M285)

RAISED RANCH in small village. 3 BR, 2 Ba, ½ ac. lot, 2 car garage. $79,000 (M311)

ERA-Homestead Realty
Rt 15 S., PO Box 276
Mansfield, PA 16933
717/662-3287

CANYON COUNTRY ACREAGE 96 acs. of gently rolling land w/stream, springs and woods. Long frontage, small camp, panoramic views. $82,000 (W459)

NEAT RETREAT is yours in this beautifully finished chalet. Nestled on 3 wooded acs., overlooks lake. $48,000 (W440)

OWN YOUR OWN MOTEL on busy RT 15. 13 units, 3 unit apt. house, 2 BR cottage, 12x70 mobile w/ expando, 2 car garage, storage barn. $175,000 (M364)

ERA Homestead Rlty.
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

2.59 ACS. in Potter Co. 200 ft. road frntg., spring & stream. Good campsite, poss. homesite. $3,900 (E117)

INVESTMENT PROPERTY live in one & rent the other apartment. Lg. barn/garage, quiet street. $39,500 (E110)

SPACIOUS RANCHER on lg. country lot. 4-5 BR, FPL. 2 car garage w/2 story addition. $48,500 (E114)

ERA-Homestead Rlty.
Main & Buffalo, Box 12
Elkland, PA 16920
814/258-5691

HOMESTEAD REALTY

Mansfield	717-662-3287
Wellsboro	717-724-7161
Westfield	814-367-2222

WIMPLE ASSOCIATES

NEW FREE STALL LISTING: 250 acres of prime alfalfa soils near Richfield Springs with 200+ tillable. Very good barn has 110 free stalls with double 6 parlor, 24x60 and 30x60 silos, 3 grain bins with mix mill, veterinary area. Very good 3 bedroom ranch, modern kitchen, 1½ baths, fireplace. Cattle & equipment available. JUST LISTED! $310,000. Call 518-875-6355.

COMPLETE MOHAWK VALLEY FARM... priced right! 258 acres near Amsterdam with 165 tillable. Barn has 91 stalls on Universal pipeline, 20x80 Harvestore plus (2) 18x45 unloading silos, new 1000 gallon tank. 24 stall heifer barn with room for more. 40x60 machine shed. New roofs on all buildings. Nice 9 room home with inground pool. 80 milkers, 50 YS, 5 JD tractors, Caterpillar, long line of machinery. $325,000. Call 518-875-6355.

SECLUDED VALLEY FARM: 78 acres with stream and pond. Attractive 4 bedroom home, 1½ baths, good spring water, pretty views. Nice hip roof barn could be used for small dairy. JUST LISTED! $59,000. Call 607-792-3355.

WELL-ESTABLISHED GARAGE & MACHINE SHOP operating since 1922 includes 40 ton press, hoists, chucks, welder and all kinds of necessary equipment Good 4 bedroom apartment upstairs. Nice location in center of farming community. Ideal for ambitious young fellow. JUST LISTED! $45,000. Call 607-792-3355 or...

WIMPLE ASSOCIATES
SLOANSVILLE, N.Y.
518-875-6355
FAX 875-6749
FREE DAIRY CATALOGUES

ADAMS COUNTY CASH FLOW FARM
103 acre modernized Turkey Farm, 80 acres tillable, stone farm house, and much more. $500,000.
Call
717/757-9487

PERRY COUNTY FARM...

210 ACRES (+/-) Located in the Township of Oliver. 103 free stall barn with holding area. Lots of outbuildings with property. Price Reduced... Call office for details.

DAUPHIN COUNTY PROPERTY...

139 ACRES (+/-) This farm has a 40x400 turkey pen that was built in 1979. Also a very nice home built in 1979. Has an incredible view of the Susquehanna River from home in center of property.

RICH BRANDT FARM REAL ESTATE
2033 Penn Avenue, West Lawn
Reading, PA 19609
(717) 274-3622 - office - (215) 678-1122

12x55 good condition
White Hall
(301) 343-0816
(301) 692-2055

WANT TO PURCHASE
Farms in Lancaster Co.
717-393-0646
Ask For
Dave Skidmore

STAR REAL ESTATE
Irv Boyer - Realtor
Lock Haven, Pa.
717-748-9519

LAND - CLINTON CO.
7,225 Acres at
$300.00 per acre.
Generally all woodland, Mountain and flat land. Mineral & gas rights included. Ideal for a large sportsman reserve.
Call for details.
717-726-6396

LOOKING FOR A FARM?

#918 - A Beautiful Farm, excellent land, very special location, end of road setting, fantastic views, 200 acres, 130 in alfalfa and corn, well drained land, modern four bedroom home, dairy barn for 90 head, pipeline milking, taxes unbelievable $1500 per year. Located in top farming area, close to schools and shopping. Asking $285,000.

#982 - A Very Nice Freestall Operation - with good buildings, fantastic future for prime building and development property with city water. 94 freestalls, double 4 parlor - 1500 bal. bulk tank, 65 freestalls for heifers, other barns, 3 big silos, very nice large home, 10 rooms 5 bdrms., 260 acres of good alfalfa and corn land. Price is firm but a steal. $299,000. Can be purchased with cattle and equipment.

#983 - Hide-a-way Farm! For the person wanting to get away from it all. End of road setting, very private, rolling pastures, hay fields, state forest in back of property, large two story barn, 4 bdrm home. Great for small dairy, sheep or beef. $160,000.

Free farm list on request

Dick Posson, Broker
(607) 334-9727
POSSON REALTY
R.D. #3, Norwich, N.Y. 13815
(607) 334-9727

HERITAGE REALTY GROUP INC
1525 Science St., State College, PA 16801
814-231-0101

Contact: DON C. MYERS
Residence: (814) 422-8111
ROBERT A. CONNOLLY
Residence: (814) 383-4336

FARM & RURAL PROPERTY DIVISION

"FARM PEOPLE SERVING THE FARM COMMUNITY'S REAL ESTATE NEEDS."

CENTRAL PENNSYLVANIA FARMS AND FARMETTES

OUR GUARANTEE:
We strive to be #1 in "PROFESSIONALISM & PROMOTION" offering:

- A Comprehensive Advertising Program (local, regional & out-of state)
- Video tapes of operating farms
- Ag Progress Days exposure
- Detailed brochures
- Radio real estate talk show
- 17 years of rural property experience

Whether buying or selling, we would be please to be of service to you. Many farm, farmettes and land parcels available. Call or write for free lists, or see our bi-weekly Lancaster Farming inventory ad in the April 29th issue.

Lebanon County

Modern dairy farm in high state of cultivation, 220 AC (m/l) w/195 tillable acres. Dairy barn has 130 free stalls in a double 5 herringbone parlor 10 Boutmatic units with automatic takeoffs. 3-Harvestore silos and Slurrystore w/6 mon. capacity. and 3 concrete silos plus a trench silo - 50 acres new seeding alfalfa. 2 sets of farm buildings, 3 dwellings with modern conveniences - 3 farm ponds - large implement shed - 3 other barns for heifers and dry cows etc. Can be purchased as turnkey operation. This farm is about 1 mile off an interstate highway - call for details.

Also

LEBANON COUNTY HOG AND POULTRY FARM turn key operation — "start those checks coming for tomorrow-today!" 55,000 broiler house built in 1979 in very good repair on contract with Weaver's.
170 sows on contract in building built in 1980, includes breeding pen - 112 gestation crates and 33 farrowing crates and nursery, etc. NOTE: VERY GOOD FINANCING. VERY GOOD RETURN. Call today to see a video of the operation.

MAHLON OBERHOLTZER AGENCY
Your Central PA Farm Broker
Smoketown, PA
717 392 1177

WATERFRONT FARMS
KENT CO., MARYLAND

Located near historic Chestertown on East Fork Langford Bay

48 ac. 2½ ft. MLW	$590,000
142 ac. 2½ ft. MLW	$750,000
273 ac. 5½ ft. MLW	$1,100,000

Chesapeake Land Co.
238 Cannon st., Chestertown, MD
(301) 778-LAND

LONG & FOSTER

FARMS AND LAND - SOUTHERN PENNSYLVANIA

FULTON COUNTY
186 acres, general farm, road frontage, view, 7 room, 1½ bath home, bank barn. $191,000.

7 room frame home on 8 acres; plus 16'x60' detached masonry building, private $72,000

Mobile home, 2 car garage on 3¼ acres, view. $36,900

BEDFORD COUNTY
50 acre farm with stately brick farmhouse; 5 BR, 2½ baths, spacious rooms, fireplaces $310,000

5,000 sq. ft. home with breathtaking view, overlooking lake; 4 BR/4½ bath $295,000

FRANKLIN COUNTY
89 acres of farmland, close to Chambersburg. No buildings. $174,900

CUMBERLAND COUNTY
11 year old brick cased rancher, 2 car garage, barn, pond, 10 acres. More land available. $169,000

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Chambersburg Area (717) 267-0276
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1-717-765-4123

The Travelers Realty Network™

227 TILLABLE ACRES
Splendid opportunity for family operation on this Southern Lancaster County dairy farm. Three sets of farm buildings and home in excellent condition, prime Chester silt loam soil, level to rolling, milking parlor, 5 silos and much more. Call for more details at 786-2131.

PRIME LANCASTER COUNTY PRODUCE FARM
16.7 acres of prime soil located in Strasburg. Level field and large greenhouse business. Remodeled 4 bedroom home is spacious. Priced to sell at $375,000. L-S schools. Call 464-4700 for more details.

90 ACRE DAIRY FARM
Finally, we have the perfect dairy farm for your needs. 60 comfort stalls, a modern gravity flow manure system, three silo's and a large implement shed along with a large 2 unit farmhouse, compliment this Chester and Manor silt loam fertile soil. Southern Lancaster County. All for $495,000. Call 786-2131.

TOP PRODUCING FARM GROUND
in southern York County. 130 total with 115 acrest tillable and 8 wooded. No buildings and high producing loam soils. Spring and stream run through property. $249,000. Call 464-4700 for more details.

YORK COUNTY CAGE LAYER FARM
Nearly 40 acres of productive farm ground with 70,000 birds. Attractive contract with an excellent income. Equipment is updated and in top condition. Two homes on property are in very good condition. Working operation ready for new owner. All for $550,000. Call 464-4700.

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COMMERCIAL PROPERTY

In Franklin Co. 4,074 square ft. of garage, oil storage tanks, nice ranch house, and more, on almost 3 acres.
A192
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ALL-TOWNE REALTY
Call Bertha 717-267-0707
or home 717-264-3277

VIRGINIA
Near Bowling Green

- Nice location, 3-4 BR house, on 7 acres, $69,900
- Turn of century, 5 BR house, on 4 acres, $97,500
- Lovely oak woodland, streams, livable house and out buildings w/132 acres for $175,000
- Invest in 335 acres w/1.8 mile road frontage, creek, and possible owner financing for only $695/acre
- Live on, invest in, 397 acres w/restorable farm house and buildings, strong creeks, woodland, and abundant wildlife, 35 acres farm land, owner financing possible for only $795/acre.

Most properties located within 35 miles of Fredericksburg, 45 miles of Richmond, 45 miles from Maryland border.

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(717) 662-2138
Evening - 659-5849
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A DEVELOPERS DREAM
Or an individualist desiring privacy, describes these three parcels of land w/ long views. Two 56+ acre parcels at $23,200 each. And a 143+ ac. parcel at $56,500. Easy commute to Painted Post, Corning, Elkland & Osceola. Owner terms available. #M-451, #452, #453.

STEUBEN COUNTY NY
General purpose farm w/nine room farmhouse. Ideal for hay or beef operation. Bank barn out back for hay up and animals down. Beef operation, machine shop and equipment shed w/another barn for equipment down and hay up across road. Centrally located to commute in several directions. Less than 15 minutes to Bath or Corning. Investment and subdivision potential. $112,000. M-487.

DAIRY FARM - IMMEDIATE POSSESSION
Between Elmira & Corning NY. Very close to PA line, 1½ story partially remodeled farm house. Older double 6 milking parlor with free stall barn for 74± mature cows. Heifer barn, 3 concrete silos, milking equipment, 2 bulk tanks & silos unloading included. Approx. 62 acres. JUST $93,500. Or 201 acres with buildings and silos. JUST $156,000. M-408

I NEED A DAIRY MAN!
For this top of the line dairy farm. 100 head tie stall, drive through overhead storage pipeline milking system. 100 head heifer and dry cow feeder barn. Several silos. Home is now in the finishing stages of remodeling. 170± acres. Very close to Canyon Country, Wellsboro. Listed at $299,000 M-431

WHAT A VIEW/LYCOMING COUNTY
From this 2 story frame farm house overlooking Laurel Hill in Lycoming County, North of Williamsport and South of Liberty, PA. 3-4 bdrms. Country kitchen enclosed breezeway. Attached 2 car garage. All this with approx. 25 acres w/nice road frontage, land & home worth $90,000. 32x188 egg layer house for 20,400 birds included along with 40x60 egg processing room for additional $24,900. That's 16,192 sq. ft. of additional bldgs. for just $1.54 per sq. ft. Would convert to many uses. Package price JUST $114,900. HURRY #M-493

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254 Acres, grain and livestock 221 tillable, 90 CSR, excellent hog and cattle facilities, 2 nice homes, 4 Harvestore Silos, drying bin and grain storage, good contract.

120 Acres Nice 3 bdr. rancher 2 silos, Cargill type Hog finishing unit, grain dryer and storage, contract.

318 Acres, dairy and hog farm, nice 3 bdr. ranch home, 3 Harvestore Silos, milking parlor, 78 free stall barn, above average improvements, contract.

280 Acres, extra nice 3 bdr. ranch home, grain storage, Good useable buildings and a contract.

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515-732-5790
Day or Night

79 Acre Northampton County Farm

For Rent with Option To Buy By Owner. Approximately 10 yr. old house and barn, with 2 silos, suitable for cattle, horses or general farm. 75 acres tillable. Near Allentown Airport. Farm equipment available. Completely fenced.

Call
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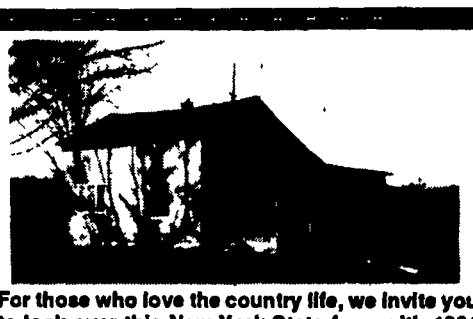
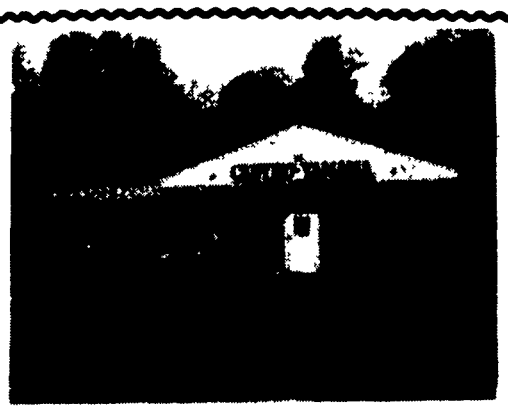
or
215-257-0812



For those who love the country life, we invite you to look over this New York State farm with 138± acres, beef/storage barn, and three bedroom farmhouse. Open and wooded land, pleasant rural views. $74,500.00.

BEARD REAL ESTATE
403 E. Main St., Elkland, PA 16920
(814) 258-7117
Eric L. Beard, Broker
Mary C. Heitzenrater, Sales Associate



COMMERCIAL PROPERTY

This building of over 5,000 sq. ft. and situated on a major route, may be the business location you've been looking for. Fully-insulated, over 2000 ft. of showroom space, small office, parts storage room, and 2 large shop areas. Attractive for a variety of commercial needs - located on a large ⅛ acre lot in a pleasant country setting and priced reasonably at $75,000 for the building & $125,000 for the building & business. Don't delay...call today!!! (2864-R)

MOUNTAIN PROPERTY

This 500 +/- acre property is a sportsman's dream come true. Mostly wooded with five cabins (like new) and roads throughout. Good possibility of an airstrip. Priced at only $379,000... it's a steal. (2780-S)

WHAT A VIEW!!

Are you looking for that old farmhouse and barn with plenty of acreage? This property has 105 +/- mostly open acres with seclusion and outstanding views. Only $121,000 (2797-H)

Century 21

JACKSON REAL ESTATE
Wysox, Pennsylvania 18854
PH: 717-265-2100 or
1-800-522-7721

** **SECLUDED 25 ACRES:** Owner will consider financing at 9%, 20 years with 20% down. Most of the acreage is orchard (apple, peach, cherry, apricot, grapes) with a small section wooded. 2 BR Spanish hacienda with fireplace. 2 small ponds and exceptional view. Lewisburg RD area. $175,000

** **RIVER FRONT:** Susquehanna River for recreational fun and private year round. 4 BR 1¾ bath 2 story on 1.78 acres. Property includes all appliances, washer/dryer, Satellite dish, screened porch and wrap-around deck. Lewisburg RD. $105,000.

** **GREAT RECREATIONAL TRACT:** With creek frontage. Approx. 4 acres situated just south of intersection of Rt. 304 and Little Mexico Rd. Jackson Township-Union County. $16,500.

** **JOINS STATE LAND NEAR REED GAP STATE PARK:** 29.5 acres. Hidden in the mountains 4 BR 1½ bath farmhouse and bank barn.

** **FOR THE OUTDOORSMAN:** Or family who loves to hike, hunt, or cultivate a lg. garden: a great get-away home with plenty of privacy. Total 10 acres. Well kept 3 BR home providing all appliances, cozy fireplace and beautiful mountain views. Mifflinburg RD $78,000.

** **HUNTERS HAVEN DEVELOPMENT:** Bounded by State Forest, Centre County, 10.15 acres, $24,000.

** **FISHING CABIN:** For summer hangouts. 1 bedroom cabin w/screened porch facing Penns Creek. RD 1 Winfield $13,500.

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LANCASTER CO., JUNE 8, 1989 @ 2:00 P.M.
61 ACRE BEEF & GRAIN FARM
SEE AUCTION AD FOR MORE DETAILS

Lebanon Co.
68,500 broiler operation with Pennfield contract, both bldgs. are less than 2 yrs. old. Farm for 80 steers, high moisture & silage bunk silos. Very modern 3 bedroom, 2 bath home. Everything is in excellent condition and there are 42 level acres of Bennington soil. Farm land is well priced at $453,500. Call Sandy Leaman

Columbia Co.
100 acre, 52 stanchion modern dairy farm. Harvestore silo with bunk feeder and large feed lot. Implement & machine shops, alum. sided farm house with 4 bedrooms and modern kitchen. This farm is priced for a quick sale at $265,000 Major road frontage, move this spring or next fall. Call Sanford Leaman for more information

Huntingdon Co.- Dairy Farm Family Special
Large free stall dairy farm presently milking 90 and averaging in excess of 21,000 lbs. There is 270 Ac. total, 100 Ac. pasture and woodland. Balance is very excellent alfalfa and corn farmland. Two homes in excellent condition, rentable land as well to make this a fine family operation. Call Sandy Leaman. $450,000.

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Milton Huber- Lancaster, York, Cumberland, Franklin and Perry Counties.
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Edwin L. Steach- Huntingdon, Bedford, Cumberland and Franklin Counties.

Longacre

LYCOMING COUNTY

• 109 Acre Dairy Farm, 80 T., features beauti'ul 52 stall dairy barn, 2 box stalls, office, milk house w/600 gal. tank & pipeline, barncleaner, 16x60 silo, bank barn for heifers and dry cows, 36x48 machinery shed, wagon shed, 2½ story home w/large kitchen, 2 living rooms, 4BR, bath & laundry, also 14x70 mobile home w/2BR, 2 baths, kitchen, LR, DR. Spring stream in pasture and a great view, $225,000.

SCHUYLKILL COUNTY

• 234 acre woodland tract, joins state gamelands, borders Rt. 81 & secondary road, Pine Grove area, good hunting area, call for details, $175,000.

TIOGA COUNTY

• 186 Acre 100 T. Dairy Farm, balance pasture, 53 tie stall barn, box stalls, new ... 0x50 horse barn w/ box and tie stalls, 3... 2 story 3/4 remodeled home w/3 BRs. ... eat-in kitchen, DR, LR, office and laundry. ... of road frontage. $185,000.

SALES AGREEMENT

• 351 Acre dairy farm, 325 T., features large 2 story dairy barn, 230'x42' w/hay storage on 2nd floor, three 2 story homes all in good condition, 2 machinery sheds, 4 car garage, level land, $385,000.

• 98 Acre Dairy Farm, dairy bank barn w/Quonset laminated roof, plenty of storage space, 28 tie stalls & 4 large box stalls, 650 gal. bulk tank, sheds & garages. Ranch house with 2 BR's, office, large LR, DR, kitchen, basement with garage, 2,000' road frontage, $150,000.

BRADFORD COUNTY

• 200 Acre Dairy Farm, with large 5 bedroom Victorian home sitting on a knoll, surrounded by 200 year old trees, excellent condition, pond & stream, 2 new Harvestore silos, 57 cow dairy barn & some box stalls, long fields, good soils, immediate occupancy. $325,000.

• 150 Acre, 132 T. Hog Farm w/feeder barn for finishing 1,000 hogs per year. Auto. watering, spraying & feeding system, 2 silos, 18x50 with unloader & 16x50. Patz barn cleaner, grain tank & feed room, bank barn w/hay & machinery storage. Beautiful ranch house features 4 BR's, 2½ baths, LR, DR, natural wood kitchen & full basement. 2nd house with large LR, DR, 3 BR's, bath, 1500' road frontage, $255,000.

• 325 Acre Dairy farm w/300 T. features 125 free stall barn with parlor, 3 silos, large machinery shed, computer feeding, dry cow & heifer barn, 3 BR ranch house, $325,000.

20 Acre, more or less, 200 head veal calf operation, ock, stock & barrel, except for marketing calves. Very modern operation for any market. Sludge storage system, equipment with barn cleaner etc. A complete operation. Beautiful, 4 BR, 2-story frame house, very large. 1½ bath, LR, DR, den etc. $185,000.

• 320 Acre Dairy Farm, 220T, balanced pasture & woods, features large 2½ story home w/kitchen, LR, DR, laundry, 5 BR, 1½ baths, enclosed porches & more. 82 stall dairy barn w/pipeline milking systems, bulk tank, 3 silo's: 20x80, 20x75, 20x40 w/unloaders, heifer & dry cow barn, lg. 48x100 machinery shed, $395,000. Cattle and Machinery Available.

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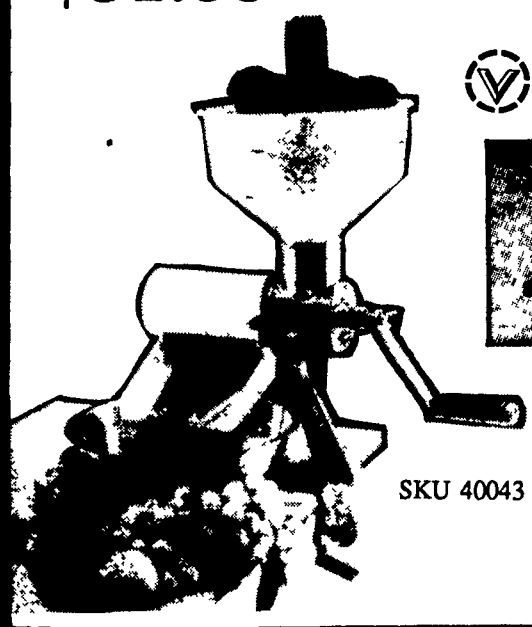
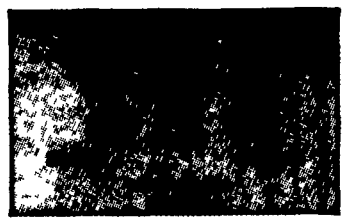


VITANTONIO MFG. CO.



SKU 40043

ACCESSORIES
- Pulley Shaft
- Berry Screen Assembly 3/64" Holes
- Grape Spiral
- Pumpkin Screen Assembly, 1/8" Holes

SOLO SPRAYER

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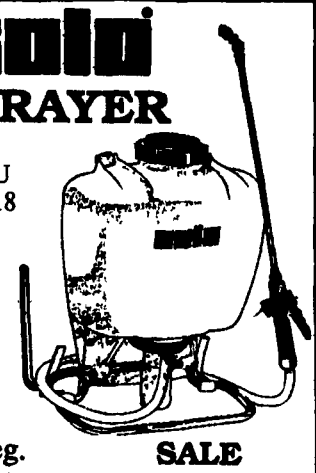

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SALE $79.95

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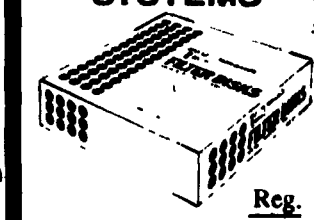

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Reg. $4.49 Sale $4.19

70456	6½"	Discs	$ 2.99	$ 2.69
70457	6½"	Squares	$ 3.69	$ 3.39
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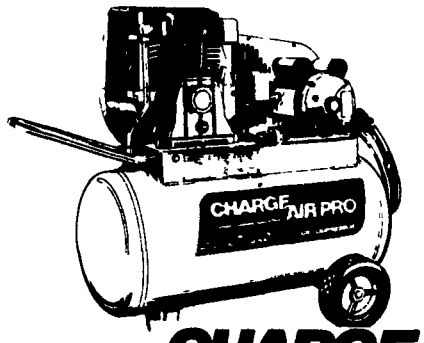

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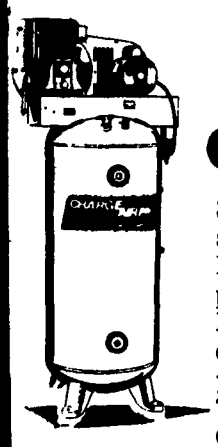

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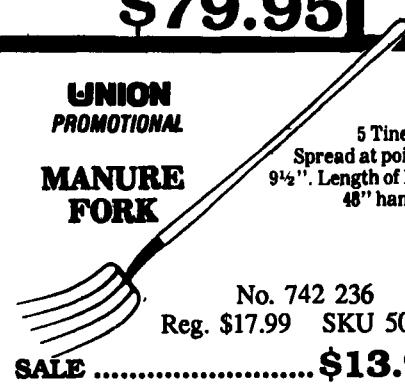

5 Tines. Spread at points, 9¼"-9½". Length of Head, 12¼". 48" handle.

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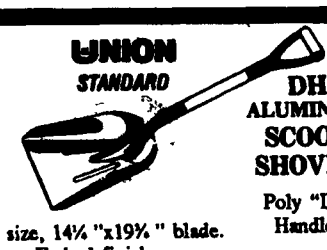
UNION STANDARD DH ALUMINUM SCOOP SHOVEL



#14 size, 14¼"x19¾" blade. Etched finish. 27" "D" handle. Poly "D" Handle

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Heavy Duty ALUMINUM SCOOP SHOVEL
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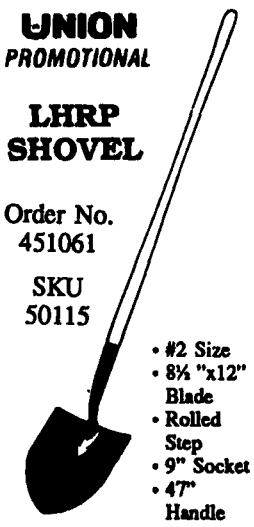

- #2 Size
- 8¼"x12" Blade
- Rolled Step
- 9" Socket
- 47" Handle

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$6.99

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73853	2½"x24"	D-590	$12.19	$11.29
70459	4¼"x17"	D-547	$ 7.99	$ 7.39

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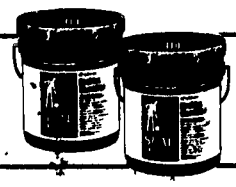
Blacktop Sealers
The Tops
Rubberized coal tar emulsion that:
- Seals your driveway against water.
- Protects against sun, snow, salt.
- A satin black finish for years.
- Extra easy to apply.

Superior Quality



5 gal. Pail
$7.49
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Fibered Roof Coatings
The Tops
- Stops leaks sure & fast.
- Waterproofs roofs for years.
- All-weather resistant.
- Great for concrete foundations too.
- Extra easy to apply.

Special This Week!

1 gal.
$3.49
SKU 37337

5 gal.
$11.49
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Fibered Aluminum Roof Coatings
The Tops
- For roofs and mobile homes.
- Keeps inside warmer in winter, cooler in summer.
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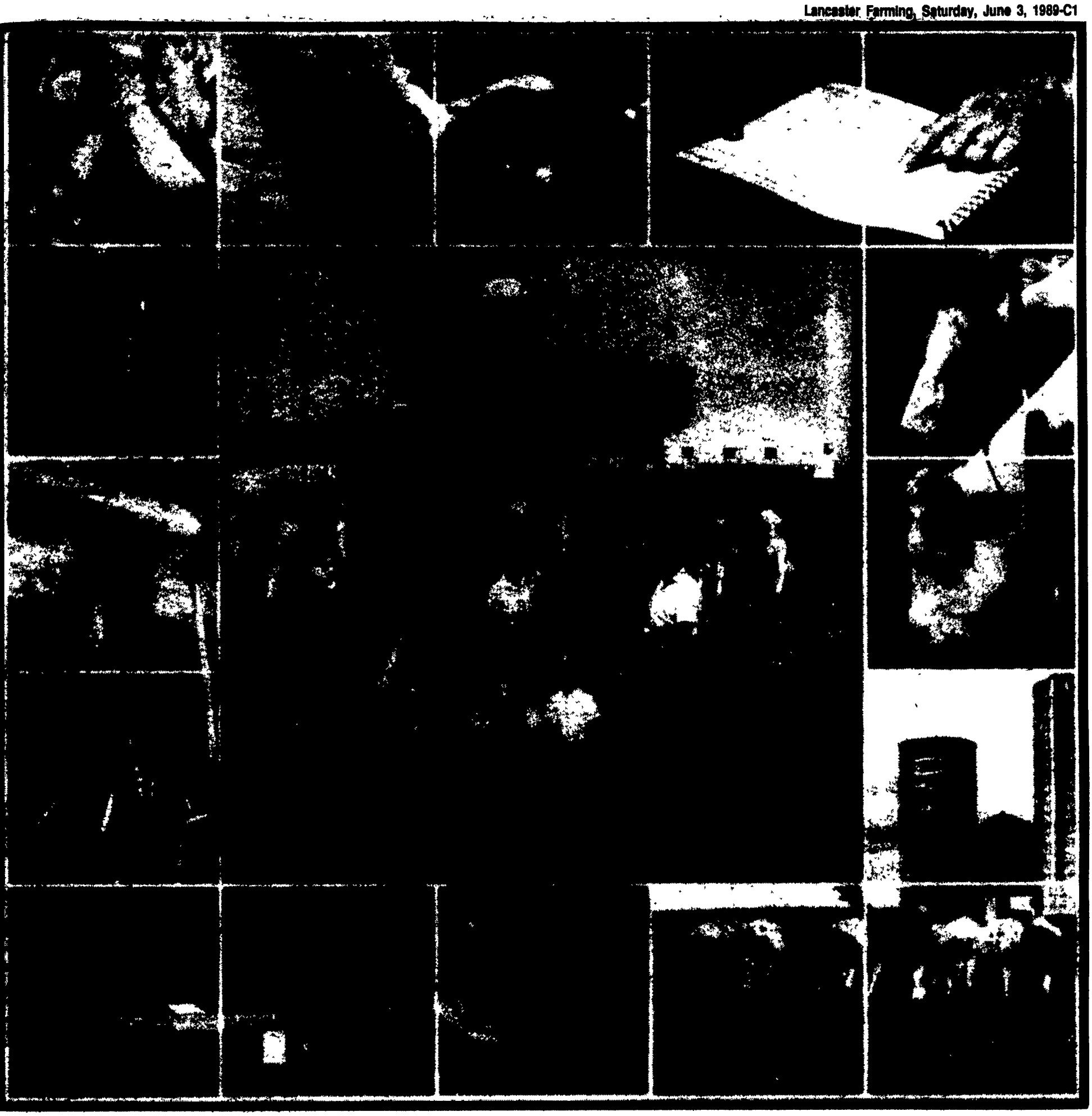

June is dairy month

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THANK YOU!

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The Good Stewards of Junge Farms

BY VAL VANTASSEL
Berks Co. Correspondent

NEW TRIPOLI (Lehigh Co.) — Ray and Karen Moyer met 43 years ago... in a hospital nursery.

"We were born five days apart. We didn't meet again until junior high school. You know I never went out with anyone else," Ray reminisced while sitting at the huge dining room table in their New Tripoli farmhouse.

Karen laughed. "I always knew he was going to be a farmer. Even when we went on a date to the drive-in. Instead of doing what the other kids did, Ray was calculating just how he could afford to buy a farm."

Settled comfortably in the large dining room, surrounded by their children and their families it's hard to imagine Ray and Karen anywhere but at Junge Farms, a diverse dairy corporation in Lehigh County. Just how these would-be farm owners became farm managers and stewards of the land began in 1969.

The Moyers nearly realized their dream when they put a down payment on a Lycoming Co. farm in 1969. "I was following my brothers' footsteps. We grew up in Bucks County and two of my brothers had bought farms upstate. We were all set to buy the place and the farmer backed out," Ray explained.

"And Leann, our oldest daughter, was due in five weeks," Karen added.

Disappointed, but unwilling to accept defeat, the couple went to Blooming Glen where Ray found work with a local contractor. "I was building houses when I found out about the job with Junge Farms. Reverend Robert Junge learned about our interest in farming from a friend of our minister's. He called and offered us the position but I told him I still wanted to buy my own farm."

Despite the refusal, Rev. Junge kept in touch with the Moyers. "The day I decided to take the job I had pleurisy but I went to the construction site anyway. It was cold and I hit my thumb with a hammer. That was it, we decided that we'd rather be farming," Ray said with a smile.

"We agreed to come up and look at the place. Then we signed a contract to stay a year. And that's all we really planned to be here," Karen said.

The Moyers arrived at the farm in December of 1969. The last 20 years have seen a lot of changes particularly in the dairy operation.

"We started with a commercial herd of 40 animals. Rev. Junge and his family are very nice people. They have allowed us to do the farming as we see fit. Rev. Junge has given us the authority to do the buying and selling, but we like to keep in close contact with him. In fact we've been on the phone three times today," Ray said.

The main farm is one of six farms managed by the Moyers for Junge Farms Inc. of New Tripoli. In addition to the six farms, the Moyers manage 80 head of registered Holsteins and almost 600 acres of cropland.

The Moyer family includes (from left) Suzann, Karen holding her grandson, Cody Moyer, Ray with grandson Michael Moyer, Jr., Keena and Jason Moyer and Michael Moyer, Sr. Daughter Leann and nephew Jay Garis are missing from the picture.

Harley Shaner, the Moyer's hard-working hired hand demonstrates his valuable skills.

Today, Junge Farms Inc. consists of six farms with 80 registered Holsteins in the milking string. The Moyers are also managing over 100 acres of cropland, 600 of which belong to the operation.

"We have approximately 450 acres of corn, 300 acres of hay, 225 acres of soybeans and 160 acres of wheat. This is the first year we won't be planting oats. We use the straw and this year we don't need any," Ray said.

According to Moyer, much of the grain is sold including all of the wheat and about half of the soybeans. The rest is fed on the farm. Last year 374 tons of hay were harvested in the operation.

Top Priority — Cows

Despite the large scale crop enterprise, it is the cows that are Ray's top priority. "Cows and the barn work come first."

The main farm is an aesthetic delight, the picture of what agriculturists would like consumers to think of every time the word farm is mentioned. Not only is it pretty, but odorless. According to Karen manure is stored in an earthen dam and spread twice a year. The same system is employed at the heifer facility.

It is the Moyers' careful attention to detail that has resulted in a rolling herd average of 21,950 pounds of milk with 865 pounds butterfat. Last year Junge Farms was listed second on the Berks DHIA for butterfat. "We've been first for the last couple of months, but we'll just have to wait and see the results in September," Ray said.

"It really depends on what happens in the summer. Things kind of die then," Ray and Karen's son Jason said.

Ray was quick to point out that it isn't that the animals die. "We have lots of fall and winter animals, but by summer most of the herd is milked off."

The Moyers are pleased with the herd average which is 26,000m for animals in second

(Turn to Page C3)

Berks County Correspondent Val VanTassel —

Val VanTassel recently joined *Lancaster Farming* as the Berks County correspondent.

VanTassel lives with her husband, Lyn, and her sons, Zach, age 3, and 9-week-old Ethan, in Hamburg.

VanTassel was raised on a small dairy farm in upstate New York. She graduated from Cornell University in 1982 and spent two years working for the Hamburg Item before taking time off to raise her children.

Prior to joining the *Lancaster Farming* staff, she wrote articles for other dairy publications.

She is looking forward to the fair season, farm visits and meeting the folks in Berks, Lehigh and Schuylkill counties.

"Located in the southern tip of Berks County, I hope to cover events in all three areas. Readers can help me by calling me at (215) 562-5018 with their news needs and story ideas," said VanTassel.

Good Stewards

(Continued from Page C2)

lactation, 24,000m for animals in third lactation and 29,000m for animals in fourth lactation.

Part of the credit for the herd's production goes to the animals' genetic base. "We are trying to breed a solid type animal. We still use the indexes, but I feel that some breeders are using them too specifically instead of trying to breed a good solid cow that is going to last. Some farmers are concerned only with the first lactation since that's the most important one for the records. They can make more money selling embryos than selling milk. We want to breed good all around animals," Ray said.

The farm is using embryo transplant as one means of improving the herd's pedigree.

"We've been using E.T. for two years with a few of our top animals. The embryos from the very best cows are put in recipients at the low end of the herd. Often these animals are still productive but they just don't have the pedigrees of our upper level cows," Ray explained.

Walking down the spotless stall barn observing recipients with bright yellow ear tags evidences how successful the program has been. While it's no surprise that the donor animals are pleasing to the eye, even the recipients would be welcome on many farms. Still Ray doesn't feel that E.T. is for everyone.

"You need genetically superior cows. You just can't play catch up with genetics. You can learn to manage to the maximum, then you can only improve production through genetics and the more you improve the slower the improvements go. That's where E.T. has been a big benefit. But it doesn't make sense on a lot of farms. For example, a farmer with a RHA of 15,000m may have a cow producing 25,000 pounds and he thinks 'Gee I should flush that animal.'

"Unfortunately, by the time you get a calf through E.T. you can easily have several thousand dollars in the animal. So if the genetic index isn't high enough it makes a lot more sense for farmers to put their money into buying a top notch calf," Ray stated.

It also takes more than a little management.

"You do have to put in more effort. It's more book work, more attention to detail and you need to get pictures taken," said Ray.

Promote Protein

Junge Farms does purchase genetically superior animals to augment their breeding program. "We recently purchased a daughter of the number one cow for protein in the state. We've been trying to breed for protein for the last 10 years. It's a difficult thing to improve, but we think it's the way of the future.

"Foreign markets are already interested in it. I can see butterfat fading in importance. Actually I think we are marketing milk all wrong.

"We should tell those ad agencies to change the size of milk containers from gallons to two liters like the soda bottles and we should label milk as high protein. After all consumers are interested in protein and worried about fat. Yet, we sell milk based on the fat content and nowhere does it tell consumers that milk is 3.1-3.2% protein," said Ray.

The Moyers also see to it that Junge animals are merchandised.

"We don't show our animals, but we do take pictures and advertise. We consign animals to the Sire Power sale, the state sale and a number of local yearly sales. We've also had a number of bulls go to the A.I. services. We started in 1972 and by the late 70s we had five animals under contract. Right now there are three bulls under contract and another eight to ten we've sold for commercial use."

Bulls that don't make the grade are fed out for beef.

Winning The Leukosis Fight

It was the bull business that turned up the problem so few dairymen are willing to discuss....leukosis.

"We were preparing to export one of our bulls overseas when we found out he had leukosis. We had the herd tested and found out we had 33 animals with the disease," said Ray.

That was five years ago. The family and hired help went on a strict program to eradicate the disease.

"We culled several animals immediately. We now use sterile syringes, separate needles for each animal, separate gloves and we soak our tatooers.

"Today we have only seven animals left in the herd. None show the clinical signs of the disease. We've only had two of our own heifers test positive and they were both from positive dams. Only about five percent of positive cows transfer the disease to their offspring through the placenta. We figure we will be rid of the disease in five years. The animals that are left are top performers and it just isn't economically feasible to cull them right now," Ray said.

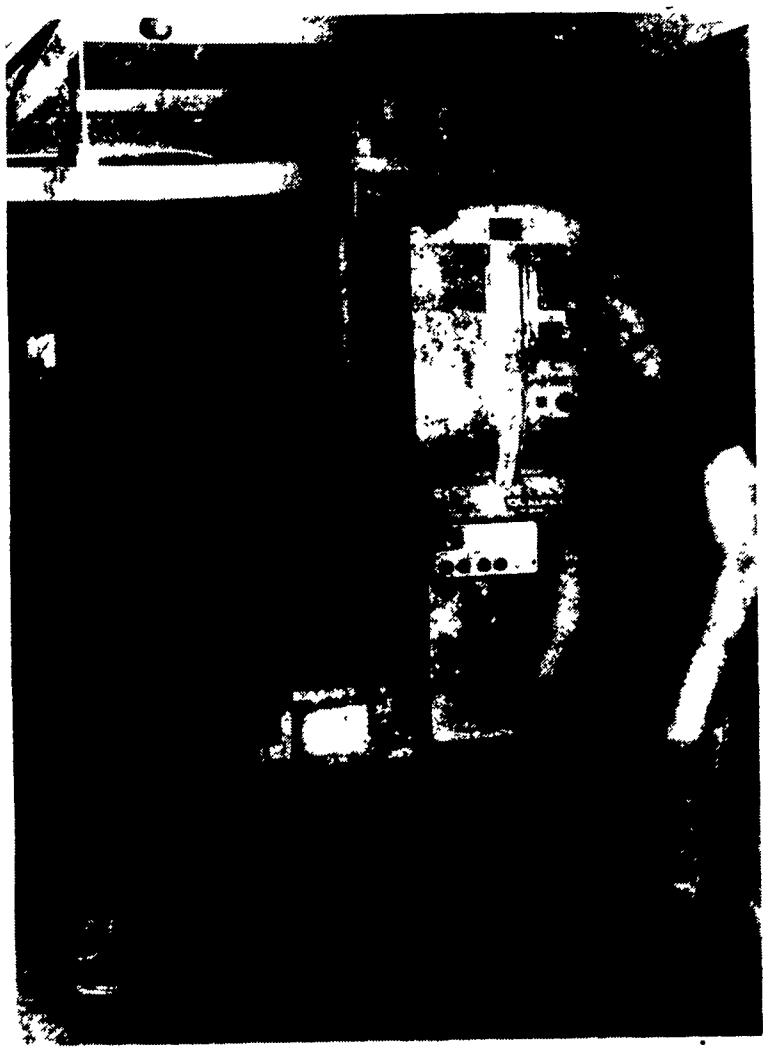
Among the animals that the Moyers are left to sell is Junge Chairman Pixie. Pixie is a four-year-old and was the third cow in the state for butterfat. Pixie, a VG-87, made 32,800 pounds of milk and 1608 pounds of butterfat and is now 4 years and 10 months. Her daughter, Junge Nedboy Penny made 1050 pounds of butterfat as a two-year-old and has a +202 predicted difference value."

It's also had to detect leukosis in animals that are brought into the herd.

"Leukosis is on almost every farm, but few farmers realize it. We only bring disease tested animals into the herd, but before six months of age it's hard to determine if the animals have the leukosis. They can test negative, but it's hard to be sure that test is going to stay that way," Ray said.

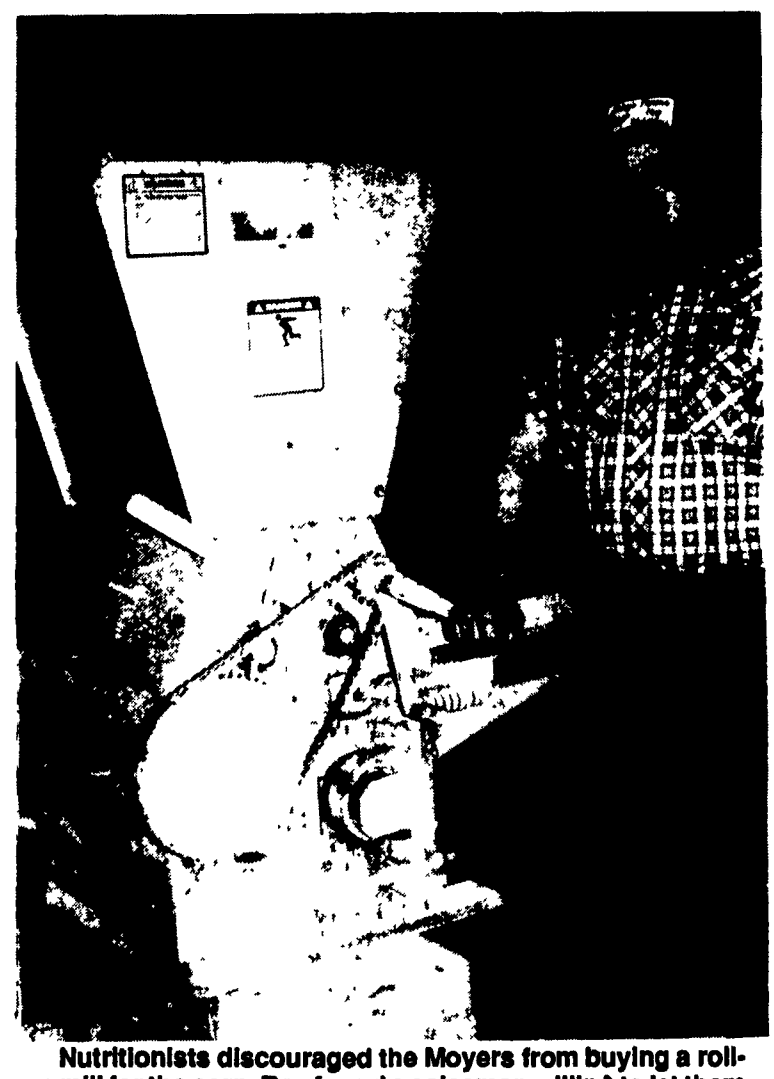
(Turn to Page C4)

Ray is quite pleased with one of his most recent purchases, Creation. Her dam was a 41,000-pound producer and the number one protein cow in the state. Note the bar openings on the calf pens. Ray and his father, a welder, have been adding bars to improve ventilation for the animals.



This is "Alf" the Alfa-Delavel feeding system recently installed in the main barn. The system automatically feeds the animals their individual rations nine times a day.

Junge Chairman Pixie, held by Jay Garis, the farm's herdsman, was the number three cow in the state for butterfat as a four-year-old.



Nutritionists discouraged the Moyers from buying a roller mill for the corn. Ray found a salesman willing to let them try the machine on a risk-free basis. Almost immediately they had a three-pound increase in milk production and a pound increase in butterfat.

Good Stewards

(Continued from Page C3)

Junge Farms leukosis culls didn't go into other herds. "We won't sell leukosis animals to other farms. They go straight to the beef barns."

Team Management

While Ray is in charge of planning and managing Junge Farms he feels that decision making on an operation of this size should be a team effort.

"It's gotten too big for me to mind all the details. With everyone watching the details we can be sure everything is getting done. We kind of bump heads together for ideas. After all our decisions affect everybody," said Ray.

Perhaps part of the reason Ray is comfortable getting input from his employees is the high quality of the help at Junge Farms.

"Our nephew, Jay Garis, serves as our herdsman. He's been here about 12 years and is our longest full-time employee. He has a lot of input on breeding decisions.

"Our son, Jason, works full-time for the operation and he's our mechanic. He's mechanically inclined and very good help but of course don't tell him I said so.

"Karen is in charge of accounting and our youngest daughter, Suzann works part time with the calves and helps with the milking," Ray explained.

Their oldest daughter Leann Moyer is not employed on the farm. Her husband Michael works in an auto body shop.

The Moyers also feel lucky to have Harvey Shaner working on Junge Farms. "He just started in March but he knows the meaning of hard work and he never has to be told anything twice," Ray exclaimed.

In the summer the Moyers have gotten a labor boost from Rev. Junge and his family. "Rev. Junge and his seven children have come up each summer to help with the haying, general maintenance and normally they take on a project such as helping to build a barn. Of course, the Junge family doesn't have to do this, but Rev. Junge believes in being useful. In fact, our farm motto is satisfaction in use," Ray said.

"Alf" Feeds The Junge Cows

One of the team's most recent decisions resulted in the purchase of a new Alfa-Delaval Automatic feeding system. "Alf" as the unit is affectionately called, dispenses feed to the milking animals nine times a day. So far the only labor involved has been keeping the hopper filled and making sure the high moisture corn is cleaned out each day. "Alf" does the rest. "Alf" runs along a monorail in front of the cows. An electric eye on the unit reads a magnetic strip above each cow.

"We figure feed separately for each animal, set the magnets on the strips and Alf does not work. We haven't seen any increase in milk production but I expect to have a decrease in feed costs and there is already a labor savings," said Ray.

A feeding decision that did result in an increase in milk production was to install a roller mill.

"I thought that running corn through the roller mill would increase production but our nutritionists discouraged the idea. Then one of the dealers agreed to let us install a roller mill in the barn for three months at no charge. Within days of using it we saw our milk production go up by three pounds and butterfat was up by a pound. To say the least the mill is still here," Ray said.

Junge farms has 80 comfort stalls and milking is done with a pipeline. "We normally have one preper and two milkers. We don't teat dip. We discovered that feeding during milking, using individual towels to wash and dry the udders is effective in keeping the somatic cell count under 200,000."

Research — The Moyer Way

While the Moyers are willing to take advantage of technological innovations, they like to research their decisions carefully.

"I don't believe in change just for the sake of change. Take those isoacids for instances. We tried those for eight months and all we ended up with was less money and smelly hands. Now BST is being offered and that's fine for places like Bangledesh where they need more milk, but it will just hurt dairymen here in the long run," Ray stated.

Among the options that are being considered for the future are a new heifer barn and a new enterprise. "Suzann will be graduating in a couple of years and she would like to work here full time. There isn't enough work here to hire her presently so we are considering getting some miniature horses. They are smaller than many breeds of dogs and they are becoming popular. They don't require much labor so Suzann could manage them herself."

According to Ray the retail price of miniature horses ranges between $10,000 and $50,000 apiece.

The Moyers are happy to see their children staying in production agriculture.

"You have to make up your mind that you're going to be a farmer then you have to make your attitude up. You have to forget about people making $10 an hour and getting all sorts of holidays and concentrate on doing the best job possible.

"I don't believe hard work ever killed anybody, but stress can. We know so many farmers that are just holding on 'till they can retire and sell the farm. They encourage their sons to go to college and find off farm professions. The farms are sold and houses spring up on them.

"I keep wondering what our grandchildren and their grandchildren are going to do. We believe in being stewards of the land not only for our generation but for generations to come and Rev. Junge shares our concern. Ray can handle all the big decisions on the farm and all the worries but urban development causes him a lot of stress," Karen added.

Karen does see a ray of hope. "One young lady in the neighborhood had the option of building her new house on the home farm or buying a hillside that couldn't be used for farming. She announced that she was going to build according to her convictions and now she has a lovely hillside home. We need more of that type of thinking instead of the get rich quick attitude." Besides encouraging their own offspring to become involved in the farm, the Moyers are trying to educate the public through farm tours for young people.

"We've had kindergarteners, home schoolers and nursery classes visit the farm. We try to show them that we're like their parents. I tell them that I wear perfume and make supper like their moms but I have other jobs, too. We also try to show them a real farm is quite different from the story book version. There is more than one cow, one sheep, one chicken. Well you get the idea," Karen said. The Moyers have had between 300 and 400 visitors at the farm.

So what's in the future for Junge Farms?

"I hate to really set a goal. I could say 25,000 pounds but I think we'll beat that. I could cull the herd to 40 animals right now and have an average between 28,000 and 29,000," Ray said thoughtfully.

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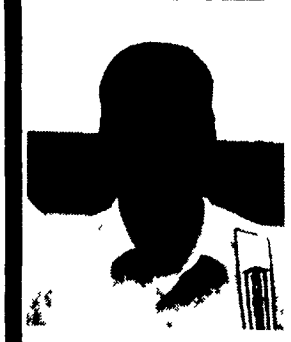

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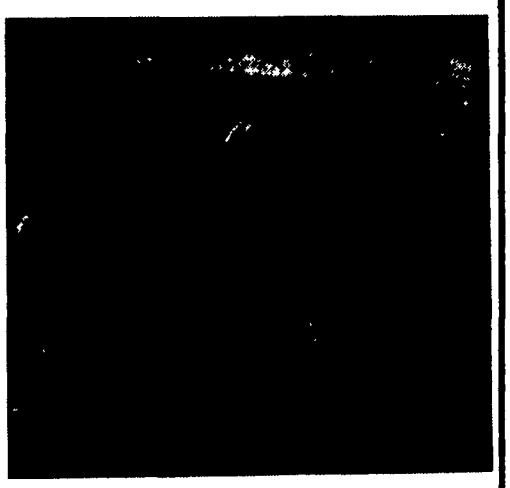

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5,000lb baker fork lift, heavy duty, 3-stage mast, 15 hours on engine rebuilt recently Priced to sell A & A Woodcraft, 1607 Mine Rd., Paradise, PA, 17562

544 Gas International, narrow front end, excellent condition 717/653-5663

606 Farmall FH-W.F Diesel T.A 340 Crawler Loader 4x1 Diesel Oliver OC 46 gas loader parts for TD6, TD9 loader dozer TD9 bottom engine parts TD6 T-9 282 gas power units IHC 263 Rockford PTO. Call after 5 201/469-2744, NJ

JD 650 4x4 w/loader, 130 hrs., same as new, $7,000 301-833-9091

JD 7000 4 Row Narrow corn planter with markers, good condition, asking $3,100. Call 201-496-4316 after 6PM

JD 755, 20 h.p., diesel, hydro, ROPS, new w/zero hrs., $7,250. 301-833-9091

JD 755, 20 h.p. diesel, hydro w/5' belly mower, ROPS, new w/zero hrs., $8,600. 301-833-9091

JD 7700 Combine, late model, good condition, available with 643 LP Cornhead. Combine only, $10,900 OBO; with cornhead, $17,500 OBO. Financing possible. 717-263-4956.

JD 935 diesel commercial front cut mower, 200 hrs , $8,500. 301-833-9091

JD disc model 110, 14'. Fogel refrigerator/cooler, upright, 2-door, meat and vegetables. 1/4 Ton chain hoist on meat track. (215)689-5506.

JD grain drill w/pack wheels 8300 187F type, like new, 18 hole single disc openers $2,500. and Haines automatic weigher & bagger 50's & 20's used one year for 40 acres potatoes, farm sold for development $5,000. Call Pete in Jamesburg, NJ. after 6 p m 201-521-3495

JD RM 4 Row Cultivator, good condition $950 717-354-5092.

John Bean Sprayer Model J20TR, 500 gal. tank, PTO, 30' boom, agitator and filter, field ready, $1,000 215-383-0591 after 6 pm.

John Blue 300 gal sprayer, 2 piston pump, 40' booms, $1,050 #76 Int. Pull Type Combine, $500. Chester Co., 215-932-5873.

For Sale JD 214W Baler, $350. Bush Hog 5' Pull Mower, $550. JD 4-16" Trip Bottom Pull Plow, $250. Call 215-766-0479 evenings.

For Sale: JD 1219 mower/conditioner, excellent shape, used two seasons. (717)872-2395.

For Sale JD 48 Loader w/ almost new 6' bucket and older fork. Excellent condition. $2,000. 717-738-2204.

For Sale NH L35 Uni Loader, $3,900. NH 469 Haybine, $750. IH 574 Tractor on steel, $4,800. 717-733-0575.

For Sale: Roll-bar roof for wide tractor, fits 45-75hp, (717)532-9234.

For Sale: Two 15.5x38 tires and tubes $225. Phone 717/547-1415 Lycoming Co.

Four row cleaner head, excellent condition, only used for 120 acres, 438, $1,500. York County. (717)244-4419.

Fox 2000 Chopper, 2 row 38" pick up head. $1,200. 301-898-7426.

Gehl #120 Feeder Wagon $500 215/845-2443

HAYBINE IH 5000, self propelled, runs excellent, $6,500. 301-833-9091

HAYBINE MF 925, field ready, $1,200 301-833-9091

Hesston 110 Self-propelled haybine, field ready, good condition $850 Lancaster County 717-665-7155

Hobbs hard hose sprinkler, Brush Hog offset Brillion, JD420 609-561-2332

Horsts wagon gears w/ honest ton rating and no sway trailing, heavy duty. Custom made wooden conveyors and taperboard feeders RISSLER CONVEYORS, 1275 Indiantown Road, Stevens, PA 17578. (215)267-2244

IH 1066 Black Stripe, cab & air, 1 owner, 3,700 hrs , excellent, $8,500 301-833-9091

IH 1066, dual outlets and PTO $7,500, IH 674 Diesel, 60 HP, $6,200. 301-898-7426.

IH 300 Backhoe Loader, 300 gal Century truck mounted sprayer, JD 4400 gas combine, 814-643-5163.

IH 470 Fold-Up Disc, 18½ ft., excellent, $2,500 301-898-7426.

IH 504 w/2250 loader, $5,500 OBO. (301)833-1847.

IH 550 manure spreader, like new; 9N Ford tractor. 301-398-6860

IH 650 2 row 30", 2 row 38", direct cut, pickup, hydraulic spout. $1,500 301-898-7426.

IH 6-row 800 air corn and bean planter. York County. (717)382-4171.

IH 806D Tractor, WFE, cab, dual, PTO/Hydr., 3 pt , 18x34 tires, $5,800 OBO, evenings 717-993-3149

IH 884 diesel, new engine, runs well, looks rough, $5,500. 301-833-9091

IH 990 haybine, 7', excellent, $1,750. IH 16 rake, $625. IH 155 spreader, excellent, $875 IH haywagon, $350 AC 4-row cultivator 3 pt, $350 (215)562-4464.

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JD 1020 tractor w/37 loader, 2 buckets, wheel weights; JD 410 round baler w/wide belts & hydraulic tie, excellent condition. 703-459-3583

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JD 2010 gas tractor, in very nice condition, low hrs , $3,200. 717-532-7054

JD 214 Silage Wagon w/ chute, 2 beater and shoot, $1,200. 301-898-7426.

JD 24 skid steer loader, material bucket and pallet forks, 2000 hrs., excellent condition $6,000. 717-488-5683.

JD 250 side mounted mower, excellent condition (804)457-4177

JD 2510 gas, WFE, $4,000 301-833-9091

JD 2640, ROPS, new rubber, excellent, $10,000 301-833-9091

JD 2940 4WD, Hi-Lo, Dual hydr , nice, $11,200 717-532-8926

JD 3010D utility, really nice, $4,500. 301-833-9091

JD 3010 Utility, Gas, 3pt powersteering, live PTO $2800 871 Ford w/ powersteering, 3pt and rear weights $3200 JD 640 Rake w/rubber teeth and dolly wheel $650 717/534-1253

JD 318 tractor w/50" mower, new, $5,800 301-833-9091

JD 336 Baler with #30 Thrower, JD 143 Loader w/ controls Best offer. Lancaster Co 717-733-0660

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JD 4040, 4 post, new rubber, quad, excellent, $16,500. 301-833-9091

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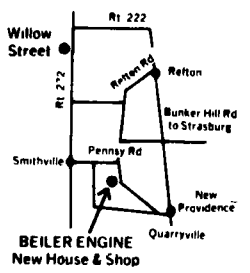

Lancaster Farming
1 E. Main St.
Ephrata, Pa. 17522
717-394-3047
or Lititz
717-626-1164

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Mon., Tues., Wed. & Fri.
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The following categories are available for your classified advertising. In Section C. Deadline- Thursday morning at 9 of each week's publication

1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders
4- Building and Supplies
5- Grain Equipment
6- Dairy Equipment

The following categories are available in your classified advertising. In Section B. Deadline- Wednesday afternoon at 5 of each week's publication.

7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
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22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
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35- Trucks & Trailers
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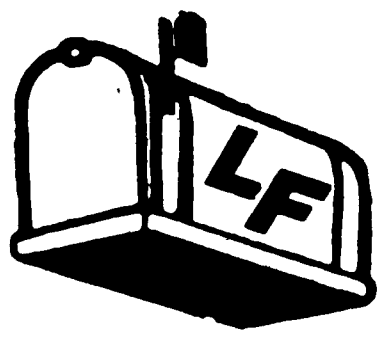

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NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section D with Mailbox Markets.

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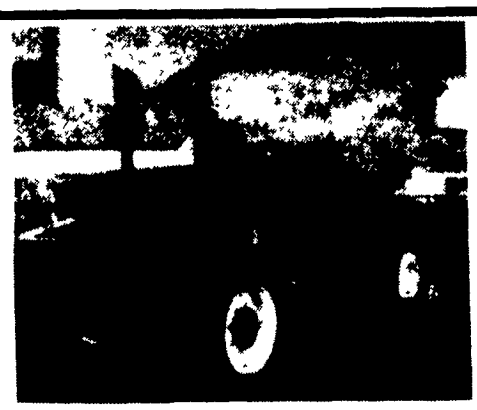

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NH 495 Haybine Field Ready! Asking $2800 717/762-2807 Franklin Co

NH 50 bale thrower, complete assembly, asking $200, Press wheels for grain drill, $100 717-687-6844

NH 56 rake; 1 row JD silage cutter; tandem axle fertilizer spreader, 2 row JD silage cutter; NH 352 grinder mixer, Gehl grinder mixer, IH 1150 grinder mixer, Johnson metal band saw, Farm Hand tandem axle grinder mixer, 14' hydraulic auger, Badger spreader, AC baler; IH 1050 grinder mixer; NI tandem spreader; 450 Case ripper, 54", IH front end loader, Silage unloader, 2 milling machines; Zook spreader, Display counter, 357 NH grinder mixer; Farmall H, new paint 717-354-4059

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NH 770 chopper with open end hay pickup 1-row corn head, nice, $2,750. Warren Co., NJ (201)362-6027.

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NH 469 Haybine..... $1,995
NH 56 Rake, Steel Teeth..... $975
JD 36 Ft. Elevator, Model 300..... $450
NH 770 Harvester..... $3,100
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NH 354 Grinder Mixer, Mech..... $2,650
Ontario Grain Drill, Like New..... $995

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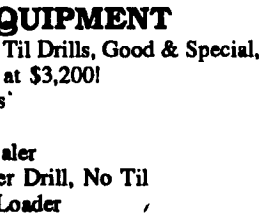

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$3,500
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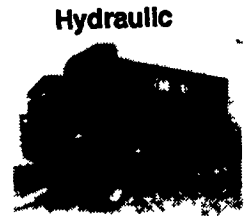
Zimmerman Heavy Duty Forage Boxes

Hydraulic



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Hay Tedders

Zimmerman

George M. Zimmerman, Inc.
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TRIPLE H EQUIPMENT
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NEW VICON EQUIPMENT
(1) KM 321 Mower Conditioner
(6) KM 281 Mower Conditioner
(2) LS 400M Sprayers, 28' Booms
(1) LS 630M Sprayer
(2) LS 1910T Sprayer
(1) LS 1410T Sprayer, Truck Mount
(2) LS 3010 Sprayer w/45 Ft. Hyd. Fold Boom
(12) Seeder/Spreaders - All Sizes!
(1) 9 Wheel Trailer Rake

NEW MASSEY-FERGUSON
(1) MF 240 Tractor
(1) MF 253 Tractors
(1) MF 283 Tractors
(1) MF 1045 Tractor
(2) MF 232 Loaders
(1) MF 236 Loader
(2) MF 1016 Loaders
(1) MF 1014 Loader
4, 5 & 6 Ft. 3 pt. Estate Mowers
(1) 1035 Tractors
(1) MF 1017 Backhoes
(1) MF 828 Round Baler
(1) MF 822 Round Baler

MASSEY-FERGUSON

Vermeer
VERMEER BALE WRAPPER
• Underhog Silage Wrapper — For Rental
• Call For Quotes On Stretch Film
(1) 504G Baler
(1) Used 605F Baler
(1) New Vermeer 107 Drill

NEW MISC. EQUIPMENT
Fransgard 18 Ft. Tedder
Fella 18 Ft. Tedder
P.Z. 3000 Lb. Pull Type Fertilizer Spreader
Meyers 9x18 Bale Throw Rack
Douglass Finishing Mowers - 5 & 6 Ft.
Douglass Scraper Blades
Land Pride Scraper Blades/Rakes
Befco Finishing Mower

USED EQUIPMENT
(2) Haybuster 1068 No Til Drills, Good & Special, one at $4,500; one at $3,200!
JD 2010, Tricycle, Gas
JD 660 Rake
1578 McKee Round Baler
Tye 80" Pasture Pleaser Drill, No Til
Satoh 650G, 25HP w/Loader

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Pequea 7' hay tedder, PTO, new..... $1,300
NH 411 discbine, (NEW)..... $10,000
NH 489 haybine, (NEW) w/ hydraulic hitch..... $8,100
NH 489 Haybine, low acres, nice..... $4,650
NH 326 baler SOLD 0 thrower NEW..... $11,000
NH 479 Haybine..... $1,450
NH 256 Rake, NEW..... $2,550
NH 256 Rake..... $1,100
JD 1209 H SOLD, 9'..... $1,950
JD 47 Loader w/valves..... $1,450
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NH 276 Baler, no thrower, nice..... $2,650
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Case 1896 all wheel drive, cab, air, heater, 12 speed elec. shift, 4 remotes, less than 400 hours with 96L Case loader.
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NH 779D skid loader boom hyd. new bucket 1800 Hrs.

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NH 775D Skid Loader w/Aux. Hyd.
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IH 45 Baler
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IH 3-Btm Mtd. Plow
Haines Stone Pickers
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(5) 4" Wosco gun stands, $100 each
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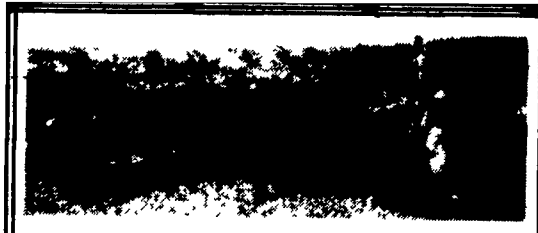

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- IH Hydro 70
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NH 276 Baler
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Peerless Ear Corn Grinder-Blower, Excellent Condition
NH 320 Baler
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Coming In - 485 2WD with Hyd. Shuttle
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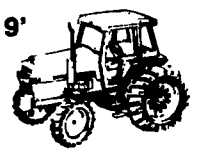

USED

IH 530 Spreader
NH 23 Baler
IH 56 Blower
NH 30 Blower
NH 479 Haybine
IH 990 Haybine SOLD
IH 440 Baler w/15 th SOLD
NH 707 F. Harv. very good condition

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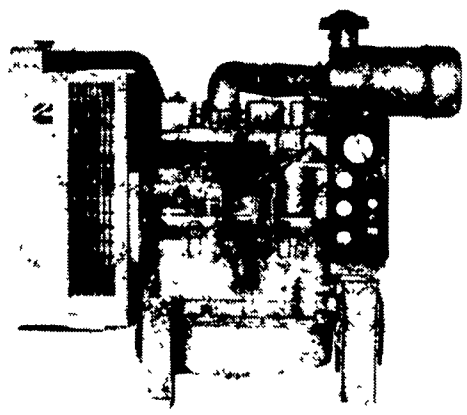

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Oliver 1955 Completely Rebuilt
Oliver 88 Gas Tractor, Live PTO & Belt Pulley, Steel Wheels
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Kuhn GMD 66 HD Disk Mower
JD 140 14 HP Hydro
JD 1600 10' 3 Pt. Chisel Plow
JD 8200 Drill, Like New
IH 400 6-Row Planter
Hesston 1090, 9' Windrower
NH 676 Tandem Spreader
NH 518 w/Slurry Sides
NH Flail Chopper
NI 214 Single Beater Spreader

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Save with our special low prices now! Plus get a rebate check worth up to $104!

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Less rebate	25.00	1.00	4.00
YOUR COST AFTER REBATE	99.99 Limit 1	70¢ Limit 2 14-oz. can	18.95 Limit 4 5-gal pail

Hurry, sale ends July 15.

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- Ford 601
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- IH 544 Tractor
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- Farmall "M"

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- NH 779D w/Bucket
- IH 3200 w/2 Buckets
- IH 3300B w/Bucket
- NH 445 Skid Steer Loader
- Case 1835 Skid Loader w/ Bucket

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- Int. 915 Combine For Parts, Engine Excellent, 407 Turbo Charged, 810 Grain Platform, 763 Six Row Cornhead

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- NH 65 Baler
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- JD 1209 Mower Conditioner
- NH 849 Round Baler
- NH 273 Baler With Thrower, Excellent
- NH 278 Baler w/58 Thrower, Good Cond.
- NH 1495 Haybine 12 Ft., Self-Propelled
- NH 1890 Self-Propelled Forage Harvester w/Heads
- NH 27 Blower
- NH S717 Forage Harvester w/2 Row Cornhead
- Hesston Stak Mover
- NH 890 Forage Harvester w/2 Row N Cornhead
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- IH 51 Forage Box Wagon, Good Cond.
- Farmtool Grinder-Blower
- NH 411 Diskbine®, Good Condition
- NH 451 3 Point Mower
- Pequea Hay Tedder, PTO
- NH 256 Hayrake

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- Brillion 10' Culti-Mulcher, Used Only 10 Acres
- IH 370 Disc Harrow 12 Foot
- Taylor Way 12 Ft. Heavy Duty Offset Disc
- Taylor Way 18 Ft. Wing Disc Harrow
- AC 600 No Till Planter 4 Row w/ Liq. Fert.
- White 4 Row, No-Till Corn Planter
- JD 215 12 Ft. Disk Harrow, Like New
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- Brillion 20 Ft. Packer w/4" Axle And 2 Wings
- Athens Terrace Disc Plow

SPREADERS
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- NH 679 w/Top Beater

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- NI Flail Shredder
- G.T. Grain Dryer w/Transport
- Walsh 300 Gallon Sprayer

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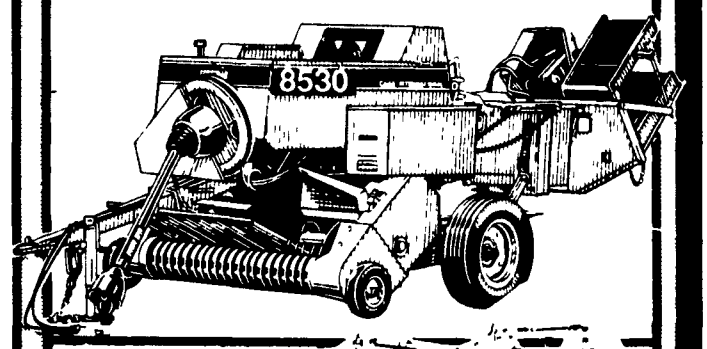
CASE IH MAGNUM 7110

130 Horsepower, 4WD

Special Deal- CALL TODAY!

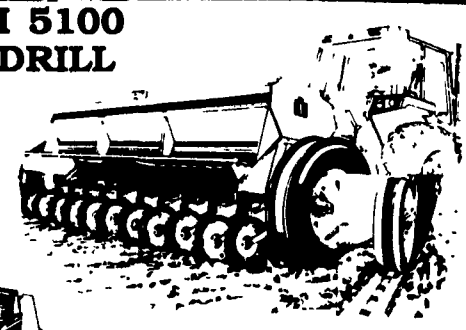
Featuring: Dual PTO Shafts, 540/1000

CASE IH 8530 BALER w/8511 HYD. DRIVE BALE THROWER



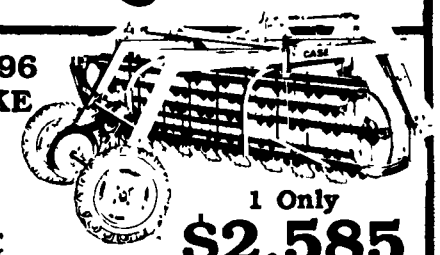
CASE IH 5100 GRAIN DRILL

24x6 Grain & Soybean Special



CASE IH 96 HAY RAKE

Features:
- Hydraulic Drive
- Reverse The Basket Direction, Makes A Tedder



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CASE IH MODEL 3309 DISC MOWER CONDITIONER WITH 9' 3" CUT

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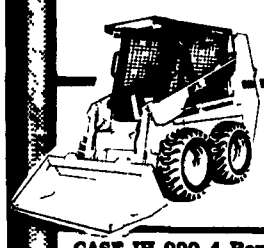

CASE 1818, 1825, 1835 & 1845 UNILOADERS IN STOCK!

CASE IH 900 4 Row Air Plante.. w/Dry Fertilizer, In Stock!

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- Super Sweep Pickup
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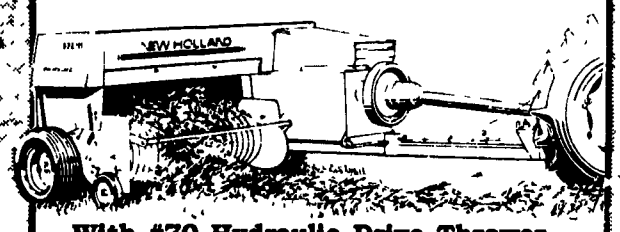
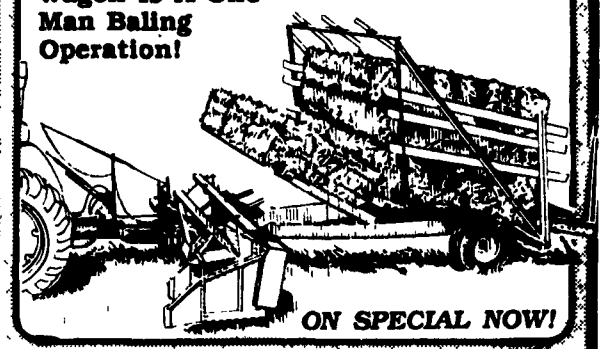


With #70 Hydraulic Drive Thrower

LABOR HARD TO FIND?

N.H. Model 1003 Automatic Bale Wagon Is A One Man Baling Operation!



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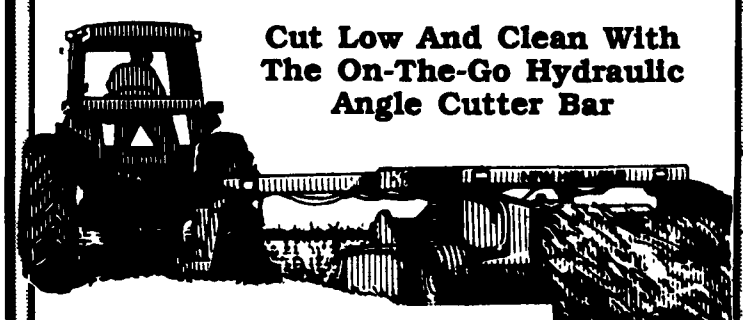
NH 411 DISKBINE®

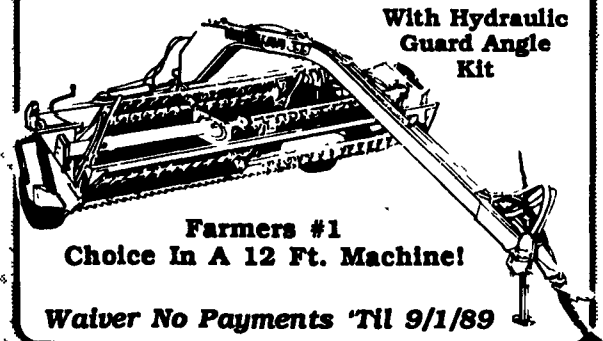
Cut Low And Clean With The On-The-Go Hydraulic Angle Cutter Bar



N.H. MODEL 499 HYDRO-SWING

Pivot Tongue Mower Conditioner

With Hydraulic Guard Angle Kit



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Waiver No Payments 'Til 9/1/89

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We Have A Deal You Cannot Resist
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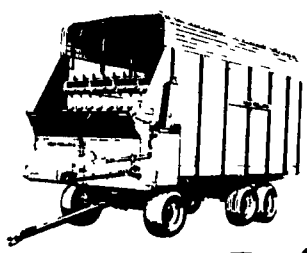
$AVE HUNDRED$

N.H. MODEL 716 FORAGE BOX w/MODEL 612 RUNNING GEAR

12¼ Ton, Extra Heavy Tandem Wagon



NH 790 FORAGE HARVESTER

With 790 Pickup

Features:
- Metalert®
- 5 Year Cutterhead Warranty

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1980 White 7300 Combine
4 row wide corn head, 13' grain head
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JD 350B 6 way ROPS w/ winch $9,500
JD, IH & Case WFE's - call
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Loader w/blade, off Oliver OC3 $100
JD G $1,750
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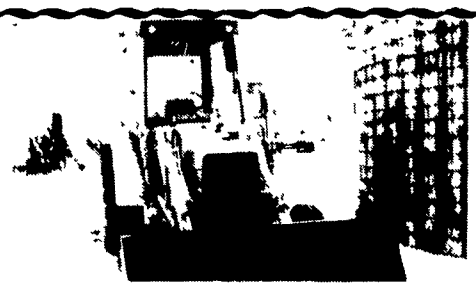

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1 - 550
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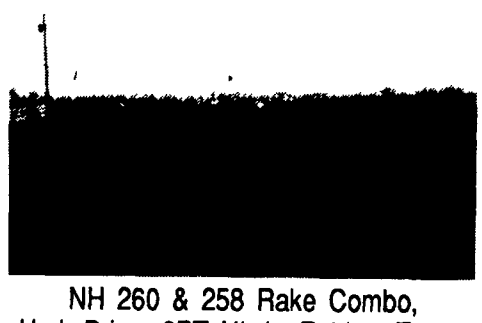
(717) 933-4062



NH 260 & 258 Rake Combo, Hyd. Drive, 3PT Hitch, Rubber Teeth,
$3,950
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Best Buys in Used Equipment

TRACTORS:
IH Farmall "C"
Int. F12 w/Cult., $450 - Runs
IH 350 High Utility w/Ldr., PS, Fast Hitch
IH 404 w/2000 Loader
Cub w/Mott Mower- Real Nice
Cub Lo-Boy w/Mott Mower
Cub w/60" Deck
Farmall Cub w/Gang Mower
David Brown 990 - Fair Cond.
Cub Equipment - Plow, Cult., Disc, Etc.
Ford 801 Diesel Utility
Ford 9N - Coming In
Ford 2110 w/Ford Loader

TILLAGE:
IH 37, 35 In Various Sizes
IH 3 Pt. Hitch 2-Bot. Plow
Int. 360 20 ft. Trailing Field Harrow
IH 735 5 Bot. Vari-Width Plow, Auto Reset - Coming In
IH 490 Disk Harrow, 24' 10 9" Spacing, Coming In
IH 78 Front Mtd. 4-Row Cultivator w/Quick Attach, For IH 66 Series
1-Bot. Trailing Plow
Case 12 Ft. Trailing Chisel Plow
Glencoe 9 Shank Conser-Chisel
Amco 24' Disk Harrow, 9" Spacing - Coming In

PLANTERS:
(2) IH 56 4-Row Planters
IH 658 6-Row Narrow Dry Fert.
AC 600 6-Row Narrow Planter, No Til, Ex. Cond.
IH 510 21x7 Comb. Grain Drill
IH 510 16x7 Plain Drill w/Press Wheels
New Yetter No-Til Coulters For Dry Fert. For JD 7000 Planter

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Freeman Loader for IH 424
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Martin 3300 Gal. Liquid Tanker w/Injector
IH Loader For 300 Utility
John Blue 400 Gal. SS Pull-Type Sprayer
John Blue 6-Row Side Dresser, 1 Yr. Old
John Blue Model 700 500-Gal. Sprayer - New!!
Badger 200 Bu. Roller Mill Without Motor- $900
National 5-Gang Power Driven Trailing Reel Mower

OUTDOOR POWER EQUIP.-
Cub Cadet, Model 1872 w/50" Deck
Cub Cadet, Model 2072 w/50" Deck, Rental Unit
Cub Cadet 108 Mower
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Jacobsen 1974 F-20 Fairway Mower
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Good Selection of Used Cub Cadets In Stock

HAY & FORAGE:
Gehl FBB 88 Blower
550 IH Chopper (Parts)
Hesston PT-10, $1,500 - Now $1,000!
NH 69 Baler w/o Thrower
IH 27 Baler - Real Nice
IH 430 Baler w/Thrower
IH 445 Baler, 1 Yr. Old
IH Direct Cut Head For 15 or 16 Chopper
IH 56 Blower - Nice Shape!
Fox Blower- Nice Shape!
JD 1209 Mower Cond., 9 Ft.- $3,250 - Reduced to $2,950!
Pittsburg 3 pt. Wheel Rake- $650

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IH 227 CH, fits 315, 205 or 203
IH 205 w/10 ft. Platform, $3,000
IH 844 Cornhead - $2,500
IH 810, 13 Ft. Head - $2,500
MF 1144 4-Row Wide CH, $4,250
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744 Wide Cornhead for 715, Ex. Cond.
743 N Cornhead for 815, Ex. Cond.
MF 510 Diesel- Nice Shape
JD 7720 Combine, 6 Row Cornhead, 15 Ft. Soybean Head, Nice Shape, Low Hours!

COMBINES & EQUIP. FOR PARTS:
(2) IH 315's
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IH 227 Cornhead
IH 700 13' Platform
IH 550 Chopper (Parts)
400 6R Cyclos- Parts or Field Use
IH 455 & 656 Planters
JD Van Brunt 13x7

ERB & HENRY EQUIP., INC.
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One Mile North of Boyertown
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FAX: 215-367-6715

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Used Tractors
IH 1066, 966, 350; Oliver 770, 880; Long 445 4WD, MM 4 Star, JD 4010 gas.

Currently Dismantling Tractors For Parts

AC: B, WD, D14, D15, D19, D21, 5040, XT190, 200, 7040; CASE: VC, VAC, SC, 600, 700, 730, 870, 1070, 1370, 1410; DEUTZ: 5506; FORD: Jubilee, 851, 971, 4000, 5000, 6000, 9600; IH: H, M, Super C, UD9 power unit, B275, 300, 350, 400, 404, 450, 460, 504, 544, 560, 584, 656, 666, 706, 806, 1026, 1206, 1256, 1586; JD: A, B, 40, 50, 60, 420,520, 620, 720, 730, 2010, 2020, 2040, 2510, 3010, 4010, 3020, 4020, 4430, 4630, 5020; Long: 460; MF: 65, 85, 165, 175, 178, 180, 1080; MH: 44; MM: 4 Star, 5 Star, Jetstar 3, 445, 602, 670, G1000; Oliver: 60, 66, 70, 77, 88, 770, 1450, 1550, 1600, 1650, 1750, 1800, 1850, 1855, 1950, 1955.

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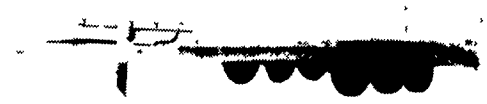

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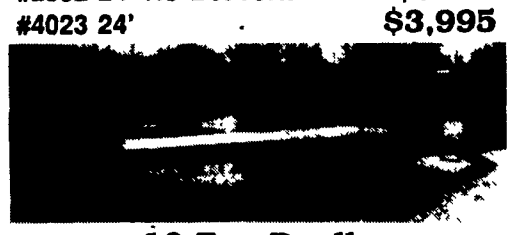
#2502 24' No Beavertail	$3695
#4023 24'	$3,995



10 Ton Dually Deck-Over

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2632 24' Electric Brake	$5,995
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Model 380 HD Square Baler
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500 Gal. (Cagle) Sprayer
Knight 716 Spreader

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JD 50
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Yanmar 155 4WD
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IMPLEMENTS
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Pull type sprayer
NH 462 Disc mower
NH 35 rotary mower
NH 489 mower conditioner
IH 1190 SOLD mower conditioner
IH 35 rake
NI 213 spreader

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JD F345 4 Bottom 16" Semi Mounted Auto. Reset Plow With Accumulators
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JD 65 Blower
IH 56 Blower
JD 800 Windrower

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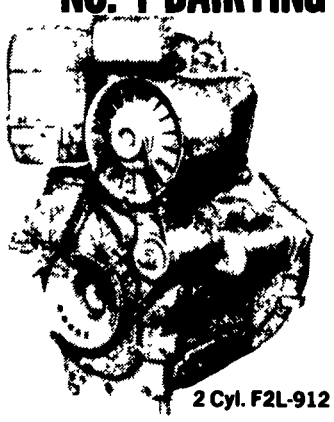
NO. 1 DAIRYING DIESEL



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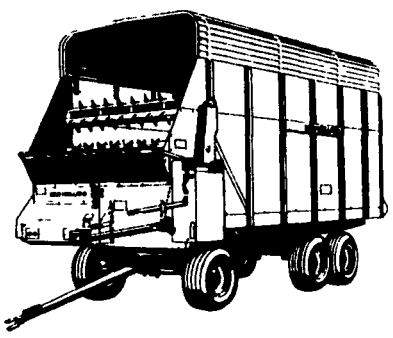

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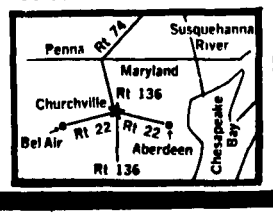

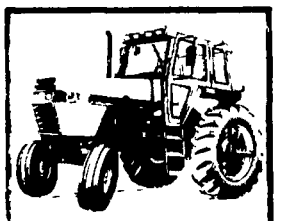

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JD 48 loader hyd. bucket $1,850
JD 148 loader, hyd. bucket $2,500

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NH 488 haybine, 9', nice $3,800
NH 273 baler w/54A thrower $1,950
NH 315 baler w/58 thrower, needs paint $2,850
NH 256 rake, steel teeth $1,250
NH 256 rake SOLD rubber teeth $1,450
NH 495 12' haybine $2,950
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NH 256 Rake SOLD el teeth $1,450
NH 315 Baler w/70 thrower $4,250
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NH 489 haybine late model $4,950
NH 56 rake $975
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IH 990 haybine 7' $950
NH 278 baler w/thrower $2,200
JD 1209 MOCO $1,800

Forage Equipment
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JD 210 disc, 12'8" $1,950
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JD 3120	$6,500
Case 830 dsl	$3,200
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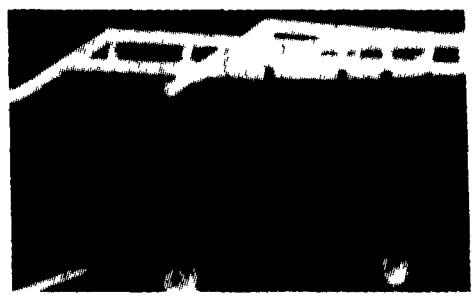

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JD 1209 mower conditioner, 9'
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NH 495 12' mower conditioner
Ford 3 pt. sickle bar mower, good cond
JD 7000 6 row cons., dry, good
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(2) JD 1300 planters, 4 & 6 row, as is
MF 4 row no till planter, dry
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JD 3300 combine, AC w/platform
JD 6600 Side Hill w/platform

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New 6620 Side Hill Combines
New Row Crop Tractors, 4450

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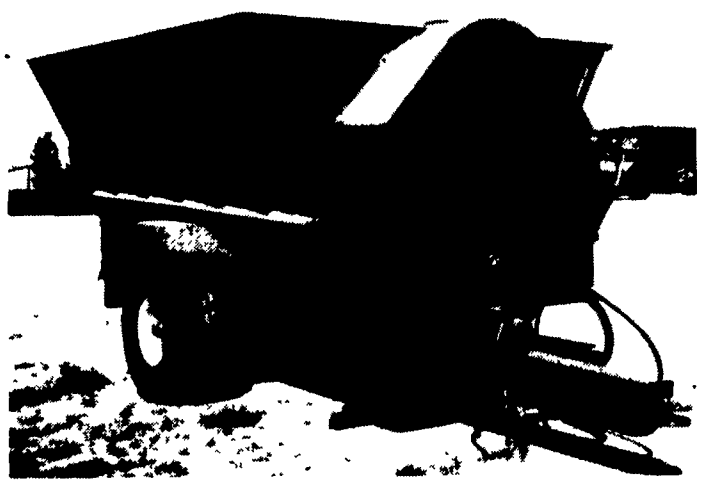

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- ½ " Thick Flighting On Bottom Augers (3/8" On Top)
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JD 2640, Ind. PTO, 1981, Sharp	$11,500
JD 2640 Hi-Low, Ind. PTO 3200 hrs.	$8,800
JD 2440 Ind. PTO 2 hyds. 1981	$8,700
JD 4000 diesel, WF, 1972	$8,600
JD 2440 Ind. PTO 2600 Hrs.	$8,500
JD 2640 Ind. PTO, rollbar, new paint	$8,500
JD 2440 Ind. PTO 2 hyds. 1979	$7,600
JD 3130 w/cab, hi-lo, 2 hyd.	$7,500
JD 4020 WF, SR trans., Nice	$7,200
JD 2030 Hi/Lo, Ind. PTO, 2800 Hrs.	$6,900
JD 2030 Hi-Lo, org. paint & tires	$6,800
JD 2030 Ind., PTO, Hi Clearance	$5,900
NH L425 Skid Loader, 2 buckets	$5,500
JD 1520 diesel, overhauled, fair	$5,200
JD 1020 Dsl. Ind. PTO, Fair	$5,200
Athens 12' heavy cutting disc	$3,400
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JD 2010 NF gas, nice	$2,800
JD 520 NF, power steering, nice	$2,600
JD 146 Loader w/6' Bucket	$2,300
JD 48 Loader w/valve	$2,200
JD 48 HD loader for 4020	$1,950
JD heavy front blade for 4440	$1,800
Cab off JD 4020, side console, nice	$1,200
M & W Turbo Kit for JD 4020	$800
JD Cab off 4020	$600
JD Rollbar & roof off 2350	$575
JD yellow roof roll bar	$375

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NEW EQUIPMENT

TRACTORS

JD 655, 4WD
JD 755, 2WD
JD 855 2 WD
JD 750, 4WD
JD 850, 2WD
JD 950, 2WD & 4WD
JD 900 HC
JD 2755 2WD

PLANTING EQUIPMENT

JD 7000 Cons. Pltr. 6R

TILLAGE EQUIPMENT

JD 1010 Field Cult.
JD 710 Mulch Tiller, 8'9"
JD 415 Rotary Hoe
JD 115, 10' Disk Harrow
JD 610, 8' Chisel Plow
JD 970, 12' Roller Harrow

OTHER EQUIPMENT

JD 403, 503, 603, 616, 1508 Rotary Cutters
JD 350, 450, 780 Spreader

USED EQUIPMENT

JD 3300 Combine w/13' Platform
AC 8030 Tractor w/ Cab, PS, 2385 Hrs.
Fox 2000 Field Harvester w/2RW C.H. & 7' Mower Bar
NH 276 Baler w/Thrower
NH 275 Baler w/Thrower
NH 273 Baler

HAY TOOLS

JD 328, 338, 348T Baler
JD 662 Rake
JD 350 Mower
JD 1217, 1219, 1460 Mower Conditioner

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MF 178 diesel, good running tractor
JD 60 w/3 PT Hookup, good rubber
MF 65D, NF
MF loader w/bucket
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Ford 9N, Painted & Running Good $2,500
Ind. Ford 600 Utility w/Hyd. 6 Ft. Cutter Bar, Runs OK! $2,995
Farmall 560G Tricycle, Good Cond. $3,200

USED EQUIPMENT

1986 JD 6620 Titan II Sidehill Combine w/All Extras — A Beautiful Machine .. **See It!**
(1) 1975 and (1) 1976 JD 6600 Level Land Combine w/Rotary Screen And All Extras- One Has Straw Spreader- Buy These w/Co. Waiver!
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NH 519 Spreader, 125 Cu. Ft., Upper Beater And End Gate $2,375
NH 283 Baler w/62 Thrower, 16x18 Bale, Used Very Little $5,000
Gehl Hi Throw Blower- Used Very Little ... $500
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JD 506 3 Pt. Rotary Cutter $750
Landoll 7 Ft. Pull or 3 Pt. Hyd. Lift Chisel Plow w/Disks (Cuts Stalks) $3,500
NH 36 Chopper- Rebuilt, Ready For Field $2,300
NH 718 Harvester w/Cornhead, Good ... $1,900
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JD 5-Bot. Trip Semi-Mount Plow-Needs A Little Work ..... **Special Price: $500**
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NH 78 Baler $750
NH 271 Baler w/50 Thrower $1,995
JD 950 10-Ft. Roller Harrow $1,250
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JD 1360 Disc Mower Conditioner .. **$10,958***
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JD 450 Hydro Push Manure Spreader w/Endgate **$5,950***
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JD 3 Pt. Mowers — 503, 506, 603 & 606
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JD 7200 Max Emerge II Planter, 4 Row **$11,500***
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JD 240 Disc Mower **$3,240***
JD 353 3 Pt. 7 Ft. Bar Mower **$2,658**
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- Farmall M w/PS & 3 Pt $1,675
- IH 560 Diesel $3,100
- 70 HP Belarus, 900 Hrs. $3,500
- AC 200 ..... $5,800

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- NH 455 Mower w/New Guards $1,375
- NH 402 Crimper $1,175
- Gehl 600 Harvester w/Table $2,650

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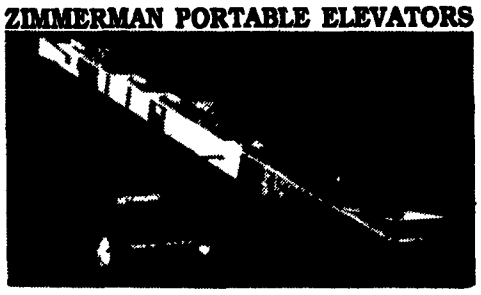

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Case 730 Diesel	$ 3,500
IHC 274, Hi-Crop w/Cultivators	$ 5,950
IHC 1066 w/Cab	$ 9,750
Ford 1210 Hydro w/Mower & Blade, 138 Hrs	$ 7,500
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JD 4440, Cab, Heat/Air, P Shift, 1978 Model	Coming In

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JD 6620 Side Hill 1979 w/2400 Hrs, Nice	$34,900
JD 6620 Level Land 1979 w/2000 Hrs	$24,900
JD 6600 Dsl 1978 w/3800 Hrs & New Motor	$ 7,850
JD 6600 Hydro 1976 w/2200 Hrs, Nice	$16,900
JD 3300 Combine w/13 Ft Platform, 244 Corn Head	Coming In

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(3) JD 443 Corn Heads	$ 3,900-$ 4,500
(2) JD 244 Corn Heads	$ 600-$ 1,000
JD 13 Ft Cutting Platform	Coming In

Miscellaneous

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NI 709 Unisystem w/767 Superchopper 866 Grass Head, 768 3R Cornhead, 844 Cornhead	Coming In
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JD 5400 Self Propelled Harvestore, 4x4, w/ 3 Row Narrow, 7 Ft Pickup	Coming In

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NI 323 Corn Picker
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CASE: 580 diesel w/front end loader
DAVID BROWN: 990
FARMALL: 450; Cub w/belly mower; Cub; Super C, fast hitch w/2-row cultivator; 560 gas, fast hitch
FORD: 8N w/forklift attachment
IHC: 574 diesel w/2250 quick-attach front end loader; 444 gas w/FE ldr., 240, series A, w/front end loader
JD: 3010, utility, gas w/front end loader; 2510 diesel; 730 diesel, direct start; 430; 125 diesel skid steer loader.
Long: 560
NI: 279 Cut/ditioner

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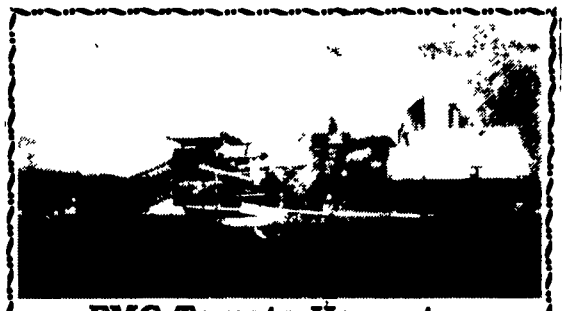

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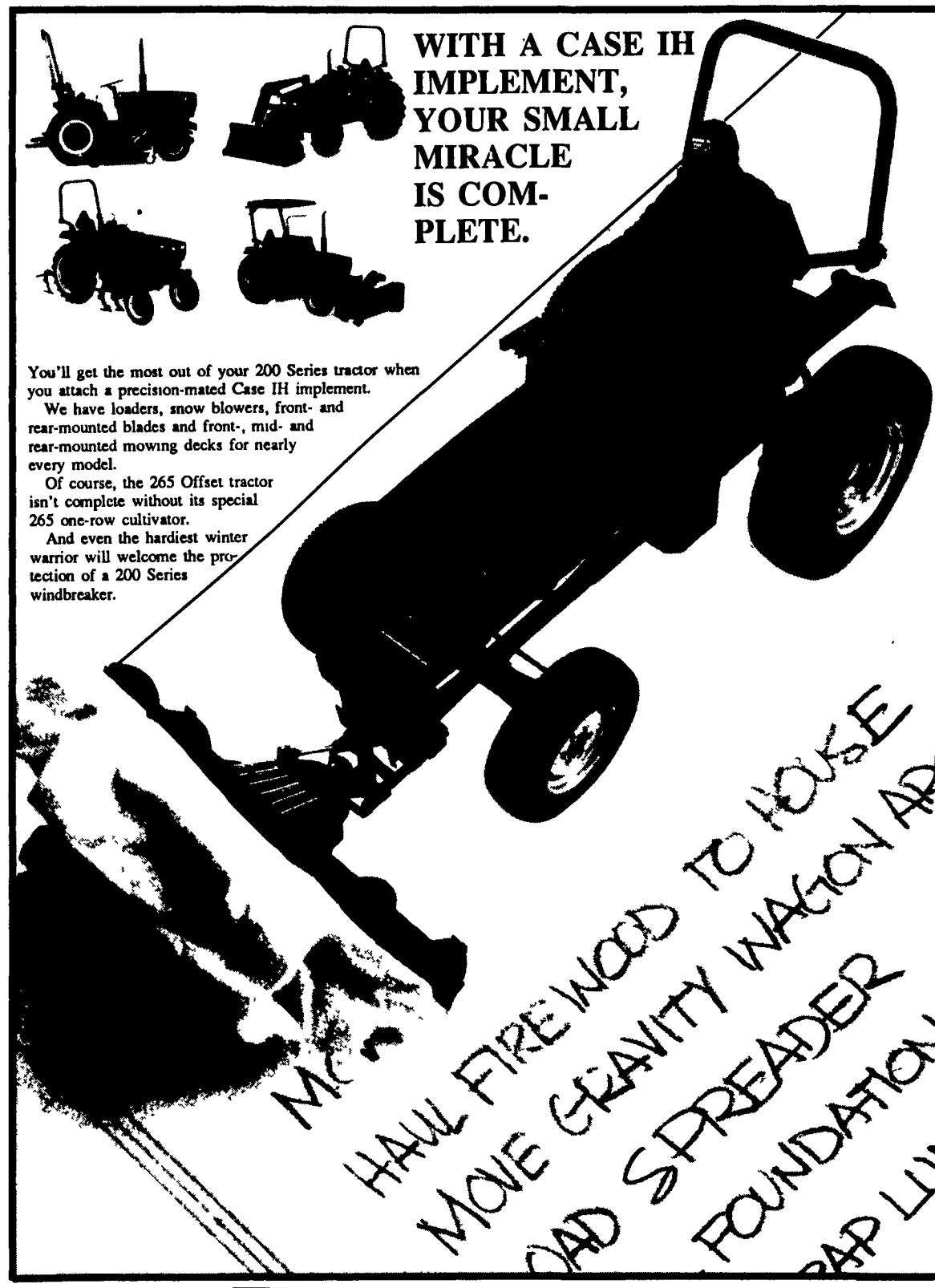

TRY ONE OF OURS.

Once you slide behind the wheel of a Case IH 200 Series tractor, that overwhelming job list will simply disappear.

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Top-of-the line Case IH 275 offers 31 engine hp (23.1 kW). Optional Mechanical Front Drive and quick-attach 72 in. (1.83 m) dozer blade make short work of big jobs.

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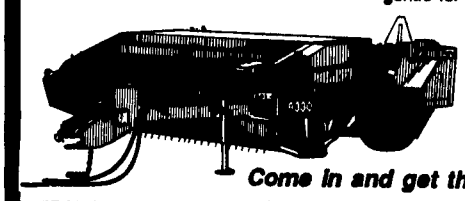
Case International 8330 Mower Conditioners

Case IH Quality
In Stock - 9 Ft.

Do changing crop conditions slow your hay harvest? Then look into the versatile Case International 8330 Mower conditioners. They're high output producers that let you easily select the right conditioning action - aggressive for stemmy crops, gentle for valuable leafy hay.



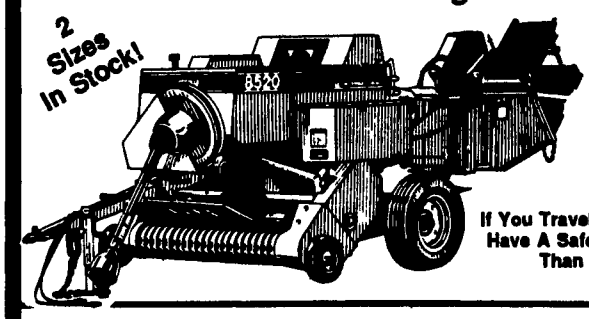
Both models also offer:
- Full-length engaging conditioner rolls
- Adjustable shields for making various size windrows or full-width swathing
- 1700 spm sickle speed for clean, fast cuts
- Half-swaybar sickle drive for less maintenance

Come in and get the details!

A STRAIGHT LINE IS STILL SHORTEST

Case International Rectangular Balers 8520/8530

2 Sizes In Stock!



Why Not Consider The Safest Baler On The Market Today?! They Really Do Work! Stop In At Binkley & Hurst Soon!

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If You Travel On Highways You Won't Have A Safer Baler For Transporting Than An In-Line Case IH

The New Case IH 8400 Series Round Balers

BALING THAT'S FAST, VERSATILE & TROUBLE-FREE

Want to put more light, weather-resistant bales behind your baler by day's end? Then check out the four new 8400 Series Round Balers from Case IH. There's a model designed to fit your need, no matter the size of your operation or the material you're baling.

They each feature direct feed into an open-throat chamber, and aggressive bale starting action. So every bale starts right and builds right...to stay tight and fresh until you need it. And an audible alert tells you when each bale is done and ready for wrapping.

8420 Round Baler turns our 39x54-inch bales for smaller needs.

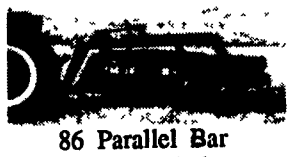
8440 Round Baler builds tight, firm bales up to 5x5 feet, regardless of the crop.

8450 & 8460 Round Balers are high-production models, built to produce big bales.. 46.5 and 61.5 inches wide, respectively, and up to 6¼ feet in diameter.

We Have These Models In Stock: 8420, 8440, 8450, 3640, 3450

To Save Leaves Rake Your Hay The Case IH Way!

96 Parallel Bar Rake, Ground & Hydraulic Driven



86 Parallel Bar Economy Rake

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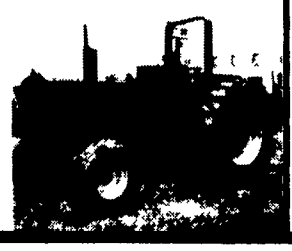
1300 Balanced-Head Mounted Mower
• 7' & 9' Mowers

Special Feature On A New Case IH Model 885, 72 HP Diesel - Row Crop Model w/Power Shift Trans., Large Capacity Hydraulic Pump. Make A Super Deal Now-Get An Additional $750 Factory Discount Off If You Make Your Deal Before June 15th!

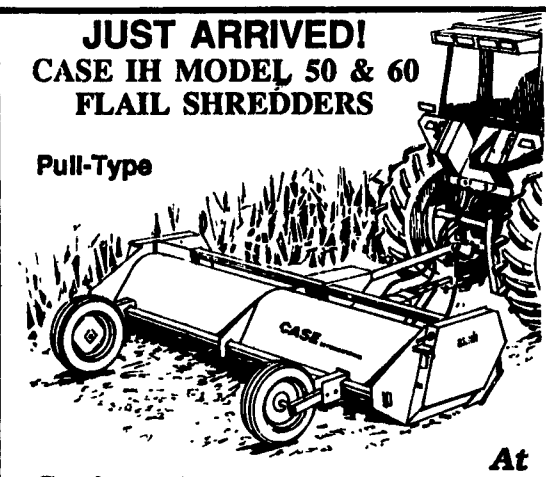


Super Special Of The Week - One Only
At Reduced Price! New Case IH Model 900 4 Row Plate Planter w/Fertilizer & Insecticide, Monitor & Markers - Stop In For A Great Deal!

JUST ARRIVED!

CASE IH MODEL 50 & 60 FLAIL SHREDDERS

Pull-Type



Cutting Width: 150" & 170"

At Reasonable Prices!

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Buy This Hard Pan Breaker Sub-Soiler Now And Get A Waiver Till April 1, 1990!

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New Case IH Model 14 Sub-soiler
5 Shank Automatic Reset

In Stock With Heavy-Duty Automatic Reset Shanks - Built To Take It In Case You Have Hidden Rocks!
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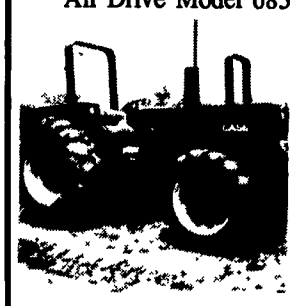
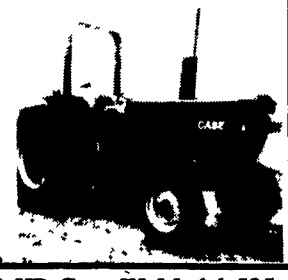
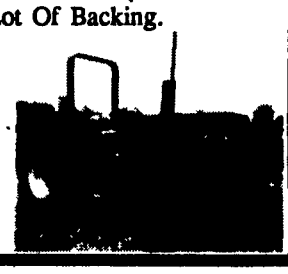


Don't Miss It! A $500 Rebate Discount On A New Case IH Model 485 Diesel Tractor Rated 45 HP - You Make Your Deal Before June 25th & You Get The $500 Rebate Hurry In Now & See That Case IH Tractors Are More Weight, Bigger Hydraulics And A Lot More
See You Soon!



Look At This! New 52 HP Case IH Model 585 All Wheel Drive With New Forward/Reverse Shuttle Transmission For Loader Jobs That Require A Lot Of Backing.

Come & See This New Center-Line Mechanical Front Wheel Drive. Make Your Deal Before June 15th & Get A $500 Factory Rebate Off Of Our Best Deal - ***Step Up To Quality Now!***



Disc Mow It With A Case IH Disc Mower Conditioner

CASE IH DOES IT BETTER!

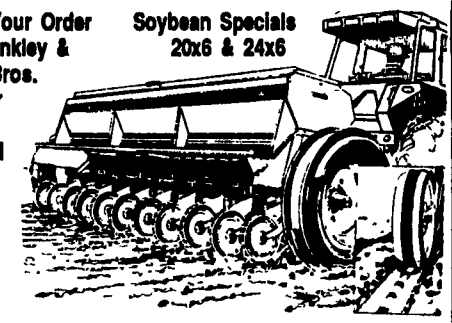
And Your Dealer Binkley & Hurst Bros. Inc. Has An All New Case IH 3309 9'3" Cut Disc Mower Conditioner
Ready For You! In Stock!

CASE INTERNATIONAL 3309
The Disc Mower Conditioner With 9'3" (2.82m) Width Of Cut Delivers Fast Cutting In The Toughest Field Haying Conditions.

Get More Beans Per Acre!

Place Your Order With Binkley & Hurst Bros. Inc. For Your Case IH 5100 GRAIN DRILLS Now!

Soybean Specials 20x6 & 24x6



BIG CAPACITY AT A DOWN-TO-EARTH PRICE!

12 Ft. Conventional

Case IH

In Stock At Pre-Season Prices!

Case International 8350 Mower Conditioner

FROM FIELD TO SILO...

You Can Count on The Performance And Reliability of Case IH Forage Equipment!

They're Here! Case IH 600 Blowers

Also Economically Priced "New" Model 56 Blowers

Need A Chopper For Haylage - *Here It Is!*

8730 FORAGE HARVESTERS

- **Eight Knife Cutting Cylinder**
- **Straight Through Crop Flow**
- **Knife Grinder**

In Stock w/72" Hay Pickup & 2 Row 30 Corn Head

Quality Case IH

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

Located ½ Mile North of Rothsville

(717) 626-4705

Mon.-Fri. 7 AM - 5 PM;
Sat. 7 AM - 11:30 AM
Sun. Closed - Lord's Day

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Emergency Parts Dept.:
717-626-0885
717-933-4753 717-273-5673

case IH

WHITE FARM EQUIPMENT

G & D REPAIR

Your Factory Authorized White Dealer
RD 5 Penryn Rd., Manheim, PA 717-664-2207

New American Series In Stock
(1) 60 4WD (1) 80 4WD

Quality Is Our Game -
Service Is Our Aim

NEW TRACTORS
140 2WD
120 2WD
43 4WD
21 w/Turf Tires
16 Hydro
37 4WD
31 4WD
31 4 SOLD Loader

USED TRACTORS
JD 4040 4WD w/cab
White 2-135 w/cab
NH Model L425 Skid Loader
J SOLD
J SOLD

MISCELLANEOUS
Set 18.4x38 Duals, 9 Bolt Hubs
New Material Buckets To Fit JD Loaders 145-146-148-158 48-58 in stock
JD 343 Corn Head
1 Set of Pallet Forks
3 Pt. 8 Ft. Rotary Cutter
1 Hyd Dump Wagon

PLANTERS
New White 4&6 R No-til
Used Oliver 5400
Used White 5400

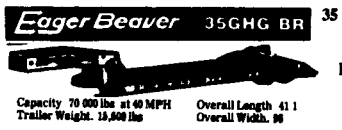
TILLAGE EQUIPMENT
New White 3-4-5 btm. plows
AC Min-Til 13 ft. Chisel
New Kewanee 1175 Disk 17 ft.
New Kewanee 775 Disk 14 ft.
Used 10 Tooth Bushhog Chisel
Used White 251 10 ft. disc
JD 2 btm. rollover plow
Used White 252 13' Disc
Used JD 16 ft, BWF Disc

HARVESTING EQUIPMENT
New 8-10-12 ton running gears
New Hay Tedders
New Bale Wagons
New Forage Boxes
Used NH 890 Harvester w/5 Ft. Hay P/U & 2R Corn Head

See Us For GOOD QUALITY TRAILERS At The Right Prices!

New Eager Beaver Drop Deck Air Ride Trailer With Spread Axle, Apitongue Floor, 225-70R225 Radial Tires On Budd Wheels, Rub Rails & Pockets, Heavy Duty 2 Spd. Parking Stands, Upper Deck Length 10'6", Lower Deck Length 32'6", Can Be Lengthened At Reasonable Cost.

Eager Beaver 35GHG BR — 35 TON DETACHABLE GOOSENECK BEAVERTAIL + RAMPS 35GHG/BR



Capacity 70 000 lbs at 40 MPH | Overall Length 41 1
Trailer Weight. 15,500 lbs | Overall Width. 96
Deck Length 20'
Deck Width 96
Deck Height 28"
Tires (8) 266/70R22.5

20 TON HEAVY DUTY AIR BRAKES — Eager Beaver 20HA

Capacity 40,000 lbs at 50 MPH
Trailer Weight, 7,050 lbs
Overall Length 27'6"
Overall Width 96"
Deck Length 22'
Deck Width 96"
Deck Height. 37"

10 TON HEAVY DUTY AIR BRAKES 10HA — *In Stock!*

Capacity 20,000 lbs at 54 MPH
Trailer Weight 5,800 lbs
Overall Length 27'5"
Overall Width 96"
Deck Length 22'
Deck Width 96
Deck Height 33¼ "
Tires (8) 8 75x16 5(E)

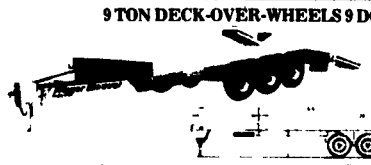
12 TON HEAVY DUTY AIR BRAKES, 12 HA — Eager Beaver

Capacity 24 000 lbs at 54 MPH
Trailer Weight 6,200 lbs
Overall Length 27'6"
Overall Width 96'
Deck Length 22
Deck Width 96
Deck Height 32¾ "
Tires (8) 9 00x14 5(F)

9 TON HEAVY DUTY BRAKES 9 HDB

Capacity 18 000 lbs at 60 MPH
Trailer Weight 5 550 lbs
Overall Length 27'6'
Overall Width 96
Deck Length 22'
Deck Width 96"
Deck Height 33¾ "
Tires (8) 8 75x16.5(E)

9 TON DECK-OVER-WHEELS 9 DOW

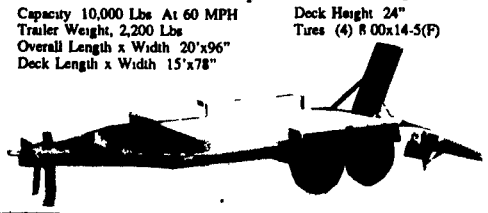


* 60 Mo. Lease Subject To Credit Approval

9 Ton, 3 Axle, Electric Brakes, Complete Truck Wiring Harness Kit Including Brake Control

5 Ton All-Purpose Trailer AP10

Capacity 10,000 Lbs At 60 MPH
Trailer Weight, 2,200 Lbs
Overall Length x Width 20'x96"
Deck Length x Width 15'x78"
Deck Height 24"
Tires (4) 8 00x14-5(F)



BINKLEY-HURST BROS. INC
133 Rothsville Station Rd
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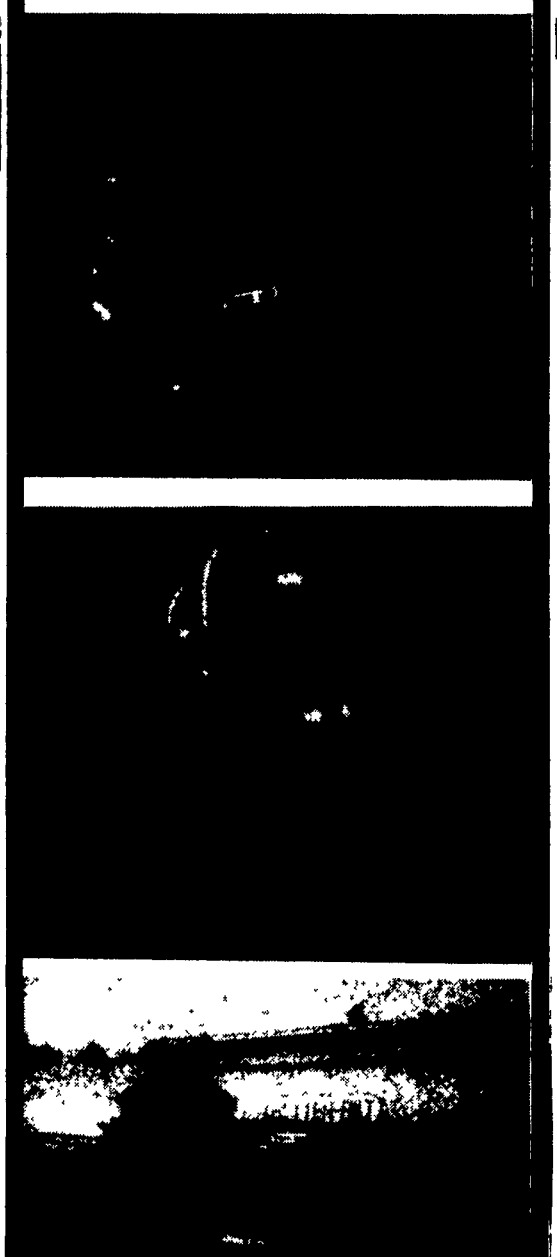
(717) 626-4705

"BETTER-BILT."

We Are Still Your Better-Bilt Dealer For Sales, Parts And Service With 2 Tankers In Stock-Call For Details!



Introducing A Special Concept:
Hydro-Flow Spreader - Top Fill With Hydr. Drive - Impeller With Excellent Agitation Of Dairy Or Other Heavy Maneuver HST 3000 Gal., 16.5x16.1 Tires, Tandem Axle -

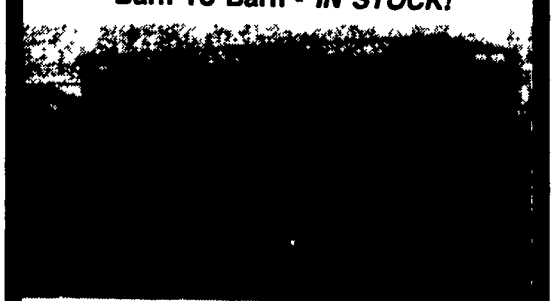
$9,100 Or Lease For $309/Mo.*

Also In Stock:

1500 Gal. Vacuum With PB3 - 540 RPM Pump, Open Rear Door, Single Axle With 19.5x16.1 Tires, 4" Fill Port-

$6,900 Or Lease For $234/Mo.*

The "BETTER-BILT." Way To Move Your Livestock From Barn To Barn - *IN STOCK!*



Hydr. Cart - 16 Foot Bed

$3,275 Or Lease For $111/Mo.*

***Subject To Credit Approval**

BINKLEY-HURST BROS. INC
133 Rothsville Station Rd
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(717) 626-4705

When It Comes To Fast And Safe Handling Of Your Forage & Vegetable Crops, You Need To Contact Binkley & Hurst Bros. Inc. And Find Out Why Richardton Is Your Answer! Stop In Or Call Soon!

Save Taxes... LEASE W/ PURCHASE OPTION!

They Do Work With Ear Corn
They Do work With Forage
They Do Work With Vegetables

Save Taxes... LEASE W/ PURCHASE OPTION!

NOTE!
No Need To Unhitch; Rehitch This Dump Wagon When Chopping With A RICHARDTON ...

THINK ABOUT THIS!
The Safety Of Using Trucks On Our Crowded Highways Today Is Much Better Than Swinging Tractor & Wagon Setups

Not Only Does RICHARDTON Handle Forage Crops, But They Have Models Available For Specialty Crops Such As Vegetables, Etc.

FORAGE
HAYLAGE
CHAFF
STRAW
TOMATOES
CUCUMBERS
SWEET CORN
SEED CORN
EAR CORN
PEAS
BEANS
CARROTS
SUGAR BEETS
GRAIN

COMPARE THESE FEATURES AND OPTIONS

Simple hydraulics allows one valve to operate the lift and stabilizer cylinders. Center plumbing means less hose length and easier coupling.

The basic box is heavy-duty steel welded seams, and reinforced for even more strength.

Standard offset hitch adjusts in 5-inch steps to lengths from 6'3" to 7'11". To allow for different row crop spacings, you can offset either right or left 5, 7½, 10 or 12½ inches.

Rub rails offer more protection to vehicles when approaching, during dumping cycle, and when departing.

Stabilizer cylinders hydraulicly lock on to axle to hold wagon rigid during dump cycle.

Galvanized roof features vent insert for straight-through air flow.

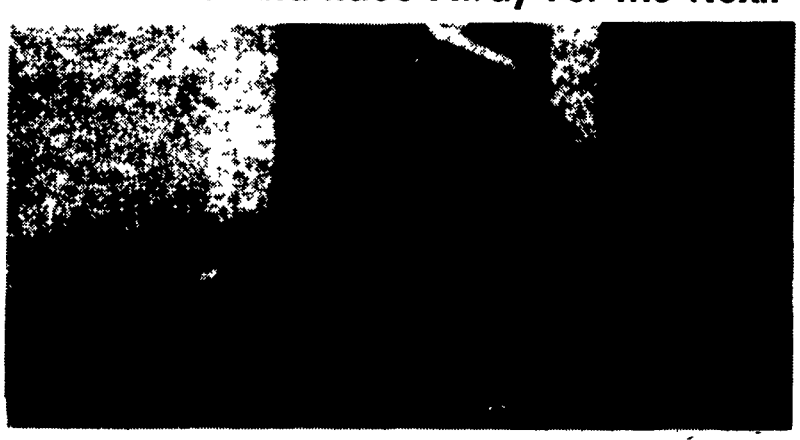
DO YOU FARM HILLS? WE HAVE ONE UNIT IN STOCK WITH BRAKES *READY TO GO!*

The model 700 dump wagon is designed for years of trouble free service. The hydraulic system with a cable assist is designed to unload large loads of up to 20 000 lbs. quickly and efficiently even if the load is not distributed evenly.

RICHARDTON

Make your operation safer • Use year round • Variety of crops • All field conditions • Operate in wet and muddy

When Your Truck Reaches The Blower, Just Back Into Your RICHARDTON Conveyor Box, Dump Your Load And Race Away For The Next!



BINKLEY-HURST BROS. INC.
SALES PARTS SERVICE

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Lititz, PA 17543
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AFTER 5 PM
EMERGENCY PARTS DEPT

LOTS OF MACHINERY BUYS!

Check Our Weekly Changes!

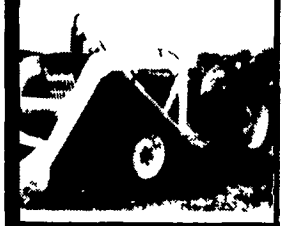
(1) Coming Soon! Big Case Model 1450 Crawler Loader Over 100 HP, 1 Owner Only 1340 Hrs., Ready For Work! ..... **Only $23,500**
Get A Super Lease Purchase Tax $ Saver And Put It To Work Soon! Call For Details
(2) Gehl 9000 Side Dump Wagon, Similar To Richardton UM1401
(3) IH 3 Pt. Model 55 Chisel Plow, 9 Shank, UM1448 ..... **Priced Reasonably**
(4) Westgo Row Crop Cultivator With Danish Tines, Can Be Used For 4 Or 6 Or 8 Rows, Wheels On Each Gang, UM 1447 ..... **Stop In And Make A Deal**
(5) New Zimmeran 36 Foot Bale Elevator With No. 62 Chain, No. 4550 ..... **Special $2,150**
(6) New Woods 3 Pt. Cat. 1 6 Foot Blade, No. 3619 ..... **$322**
(7) IH Model 475 Disk Harrow, 14 Foot With Scrapers And Greasible Bearings, UM 1458 ..... **$1,495**
(8) New Rhino 3 Pt. Model SE5 Rotary Cutter 5 Foot ~~$588~~ ..... **Special $550**
New Rhino 3 Pt. Model SE6 Cutter Shear Bolt Protected 6 Foot ~~$917~~ ..... **Special $740**
New Rhino 3 Pt. Model SE6 Cutter Slip Clutch Protected, 6 Foot ~~$1016~~ ..... **Special $795**
New Rhino 3 Pt. Model SE7 Rotary Cutter Slip Clutch Protected 7 Foot ~~$1,510~~ ..... **Special $1,225**
(9) John Deere Model 1209 Mower Conditioner 9 Foot Cut, Good Clean Machine, Discounted To Sell!
(10) New 3 Pt. Bale Spear To Transport Your Round Bales ..... **Only $115**
(11) New Kwik Way 3 Pt. Pallet Fork With Adjustable Tine Spacings, 2000 Lb. Capacity, Tines Consist of 1½ "x4"x46" Lengths Was ~~$785~~ ..... **Special $670 For A Well Built Setup**
(12) New Meyers Model 618 Heavy Duty Forage Box 6'x16' Long With 4 Beaters And Trough Extension Mounted On Meyer 12 Ton Tandem Running Gear With 12.5Lx15 Tires ..... **Special $7,690**
(13) John Deere Model 8300 Grain Drill With Grass Seed Attachment 18x7 ..... **$2,950**
(14) New Idea Single Axle Model 217 Web Spreader, Single Beater With Hydraulic Endgate, UM1411 ..... **Only $540**
(15) Used IH Model 56 Forage Blower With Heavy Duty Black PTO Shaft, UM1451 ..... **$750**
(16) New Holland Model 1469 Self-Propelled Haybine, 9 Foot Cut ~~$3,250~~ ..... **Come Make A Good Deal!**
(17) Big 475 Bushel Grain Carts With Large Flotation Tires And Unload Capacity Of 3 Min. For 475 Bu., 12 Foot Unloding Auger At Big Discount Prices, Stop In Soon!
(18) Farm Work Model 3 Wheeler With Flotation Tires And 9 HP Engine With Reverse Transmission, No. 1474 Was ~~$1,750~~ ..... **Special $1,490**
(19) Westendorf 3 Pt. Carrier Scoop & Dump For Your Small Tractor Or Compact Diesel $495 ..... **Special $263**
(20) New Woods 3 Pt. 72" Finish Mower Model RM600 With Front Gauge Wheels For No-Scalp Mowing **$1,675**
(21) 3 Pt. Rubber Tire Scraper 3 Pt. Or Quick Attach For Your Skid Loader ..... **Only $475**
(22) Used Cast Iron Closing Wheels To Fit John Deere & Kinze Corn Planter Row Units ..... **Only $50.00 pr. Check With Parts Dept.**
(23) M&W 3 Shank 3 Pt. Auto-Reset Subsoiler **$2,950**
(24) No. 10 Grain Drill, 16x6, UM1436 ..... **$250**
(25) Used Dunham Lehr 22 Quick Tach Loader With Mounting Brackets For XT190 Chalmers, With 90" Bucket ..... **$1,950 Cash & Haul Away**
(26) JD 1508 15 Foot Batwing Mower, 1000 RPM PTO **$5,500**
(27) New 3 Pt. Post Hole Diggers In Stock With 9" and 12" Augers At Discount Prices! 9" $395; 12" $410 ..... **Come And Get Yours Now**
(28) Southeast 7 Foot 3 Pt. Box Scraper, Heavy Duty 650 Lbs. No. 2107 ~~$577~~ Save $200 ..... **Pay Only $377**
(29) Good Used New Holland 276 Baler With Thrower With Electric Controls UM1413 ..... **Don't Miss This One $2,995**
(30) Massey Ferguson 6 Row Narrow Row Crop Cultivator, 3 Pt. Hitch, UM 1467 Stop In and See Now! **$1,050**
(31) John Deere 16 Foot Wing Fold Field Cultivtor With 11 Foot Transport Width With Lift Cylinder & Hoses, UM1460 ..... **$950**
(32) Bush Hog Model 1438 Transport 14 Foot Disk Harrow, UM1461, Buy As Is For Only **$1,750**
(33) John Deere FB15 15x7 Grain Drill With Double Disc Openers, UM 1465 ..... **$1,695**
(34) John Deere Forage Blower Model 60H With 40" Fan ..... Only **$350**
(35) Used 3 Pt. 8 Foot Scraper Balde UM1456 ..... Only **$135**
(36) Hutchmaster Hydraulic Wing Fold 18 Foot Disk Harrow Model 7500, UM1441, Stop In And Make A Deal ..... Only **$2,395**
(37) 1979 Owatonna Articulated Payloader, 4 Wheel Drive, With 1¼ Yd. Bucket With Cab, Power Shift Trans. ..... Only **$14,800**
(38) Coming Soon Kohering Track Excavator ¾ Yd. In Good Condition
(39) Gehl Model 4400 Hydrostatic Drive Skid Loader, Just Arrived With 65" Bucket, UT 1896 ..... **$3,500**
(40) 1 Owner Ferguson 50 Tractor With 3 Pt. Hitch, Less Than 1500 Actual Hrs. **$3,450**

*** Residual Lease Subject To Credit Approval**

4x4 Yanmar Model YM336D Diesel Tractor w/Loader & Backhoe, 33 HP Diesel, Only 808 Hours - Was ~~$12,900~~ Save $2,000

Used 45 Foot Flatbed Tandem Axle Trailer With Sliding Tandems, Side Kit Including Bows & Tarps. All This For ~~$6,900~~
Come & Make A Deal!

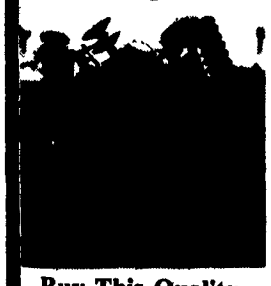
Ford 2000 Gas Powered With Loader



John Deere 4430 Cab-Just Arrived!

Good Clean Tractor!

Model 330 John Deere 22 Foot Wing Disk Harrow With Double Offset Design.



Buy This Quality Disk For Only
$4,695

Looking For A Good Used Detachable Trailer? In Stock - Used Rogers Tandem Axle With 18 Foot Center Deck And Outriggers, With Wetline - Reasonably Priced! Stop In & Make A Deal!

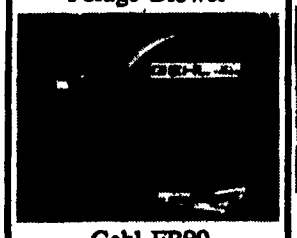
Need A New Forage Blower? We Have Several New Old Price Case IH Model 56 Forage Blowers In Stock For Only
$2,850
Cash & Haul Away - Buy At Old Price For A Better Deal! Limited Stock, Don't Wait-Get A Bargain Now!

Just Traded! Farmall 100 With Woods Mid-Mount Mower 503 & Hydaulic Lift Cylinders

Ford 11 Foot Transport Disk w/Cylinder & Hoses

Only **$895**

Good Used Forage Blower



Gehl FB99
Only **$700**

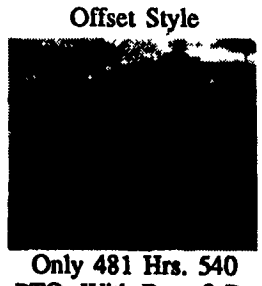
Farmall 656 Hydrostatic Drive, Gas Powered, One Owner

With Power Steering!

IH 2+2 Model 3588, 1979 With 20.8x38 Radial Tires
Ready For The Field!

3 Remote Hydraulic Outlets, Single Shaft 1000 RPM PTO, Good Tight Tractor!
Price Is Reduced To Save A Bundle - *Let's Make A Deal!*

1982 Diesel IH Model 274 Tractor Offset Style



Only 481 Hrs. 540 PTO, With Rear 3 Pt. 1 Row Cultivator And 1 Bottom Plow, UT 1889
$7,250

NEW! Economy Dump Trailer

5'x8' Tilt w/3500 Lb. Axle, New Title
Towaway For **$695**

IH 1086
Red Stripe w/Cab, Air & Heater,
Ready For Work!

New Hydraulic Pump, Dual Remotes

IH 5088
Cab, Air, Heat, Duals

Only 2244 Hrs., Triple Remote, Ex. Condition
Save **$2,000**

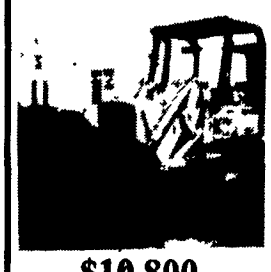
Good Used John Deere 7000 Grow Planter

Consertill Heavy Duty With Frame-Mounted Coulters UM 1425
Towaway For
$5,900

Take Your Pick From (2)

1978 Case 580C TLB w/Cab, Std. Hoe, 3815 Hrs.
$13,900
Or Lease For $472/Mo.*

John Deere 350C 1977 Crawler Loader, In Good Condition w/Rops



$10,800
Or Lease For $367/Mo.*

Case 580C TLB w/Rops, Window, 18" Hoe Bucket

~~$11,900~~
Make Offer
Lease For $401/Mo.*

1982 Case 586D Forklift, 6000 Lb. Lift, 21' Mast w/ Side Shift & Tilt

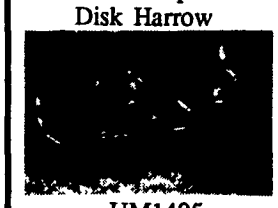
$15,900
Or Lease For $539/Mo.*

*Subject To Credit Approval

Mustang 1700 Skid Loader

With Auxiliary Hydraulics
Only **$3,400**

IH 14 Ft. Model 370 Transport Disk Harrow



UM1405
$1,250

Just Arrived! IH 684 With 2250 Loader

With 84" Bucket
$10,950
For This Quality Loader Tractor

70 HP White 270 Diesel Tractor

Lots Of Fine Features!

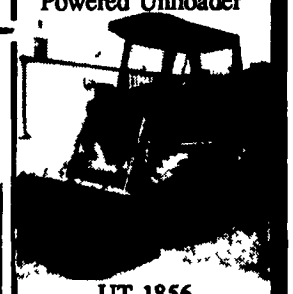
1979 John Deere 450C Crawler 6-Way Dozer

Good Steering, Works Good
Only **$13,900**
Why Not Try A Tax Deductible Lease?

1977 Gehl 2600 Skid Loader

$3,900

SPECIAL OF THE WEEK
Case 1845 Gas-Powered Uniloader



UT 1856
One Owner Machine
Special Offer Only
$6,950

133 Rothsville Station Rd
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Used SKID STEERS
Bobcat 742 $7900
JD 675 Skid Steer $9900
Toyota SDK8 w/3 Tramac Hammer $21,000
Hydramac 8C $4,700
Ingersole 648 Tractor, Loader & Blade $3,950

Ask for Larry At
717/667-6731
717/825-2789
or evenings
717/667-2373

USED CONSTRUCTION EQUIPMENT

Backhoes, Loaders, Crawlers, Dozers, Etc. Currently Available:

Backhoes: IH 260A; IH 3600 w/extend-a-hoe; IH 3500, JD 310A, Case 480C.

Crawlers: Case 450B 6-way; Case 450 C/L/B; IH 125E crawler loader backhoe w/4 in 1; JD 450C; IH 100E; JD 450B 6 way; IH 175C 4&1 peddle steer; 450C 1988 Model 716 Benittia rear engine.

4WD Loaders: JD 644B Articulated

Miscellaneous: Cummins 50KW generator; Ford 3 pt. mower model 917; AC 190XT farm tractor.

Inventory Changing Daily. Call for current prices Located In Eastern Baltimore County, Maryland

Ask For
Rick Kammann
301-335-4189 Day
301-335-5920
Evenings

USED EQUIP.

JD 7000 6R Cons. Corn Planter w/Liq. Fert.
JD 70 Tractor w/45 Loader
JD 1219 Mower Conditioner
JD 2640 Tractor
JD 2500 5 Bottom Spring Reset Plow
JD 2500 5 Bottom Hyd. Reset Plow
JD 45 Combine w/2R C.H.
NH 495 Mower Conditioner
JD 1240 Corn Planter
JD 6620 Sidehill Combine w/215 Flex Platform
NI Silage Blower
JD 716 Forage Wagon
JD 3800 Chopper
JD 38 Chopper
JD 34 Chopper
JD 35 Chopper
JD 7000, 6R Cons. Planter
JD 680 Manure Spreader
JD 660 Manure Spreader
JD 450 Manure Spreader
NH 250 Skid Steer Loader
NH 276 Baler w/Thrower
JD 220 Flex Platform
NH 890 Chopper
JD 1327 Mower Conditioner
NH 489 Mower Conditioner
John Blue 400 gal. Applicator
JD 1450 5 btm. Plow
Brillion 12' Field Cultivator
Case 1816 Skid Steer Loader
AC 7010 MFWD Tractor w/ Loader
JD 100 Blower
NH 770 Chopper
JD 650 Tractor

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

After Barley Is Off - Try A Slot Till To Lock In Moisture!
The Minimum Till Chisel Plow

★ SPECIAL ★ ★ OFFER! ★
Take 10% Off Price Shown!

Price - ~~$2,550~~ -
Less 10%
YOU PAY ONLY
$2,295

In Stock with Coulters To Cut The Trash & Heavy Duty 1.25"x32" Shanks With Heavy Duty Straight Shovels With Gauge Wheels As Shown

---

Ready For Work! John Deere Model 125 Hydrostatic Drive Skid Loader

With Water Cooled Engine, In Very Good Condition, Flotation 10:00x16.5 Tires

Was ~~$6,850~~ NOW ONLY **$5,950**

Try A Tax Deductible Lease Now!

Save On A Case 1835B Uniloader
UT 1830, with 62" Bucket
Paint Fair -
Was ~~$8,850~~
NOW ONLY **$7,850**
Eligible For A Tax Deductible Lease!

Binkley & Hurst Bros. Inc. Is More Than Matching A Factory Rebate Of **$1000** Which Gives You More Than **$4800 OFF** This New Diesel Powered Skid Loader

NEW GEHL 3410 DIESEL 23 HP HYDROSTATIC SKID LOADER

The Price Is Right On This Time Limited Offer!

Designed For Performance

The 3410 is rated at 900 lbs., and has a travel speed of up to 7 mph. Bucket rollback is 32° and maximum dump angle is 35° for greater load capacity and cleaner dumping.

NOTICE...Before You Buy A New Mower Conditioner, Consider These Reasons Why Your Next Mower Conditioner Should Be The All New Gehl Series:

We Are Ready To Deal On All New GEHL 2170 9 FT. PULL-TYPE MOWER CONDITIONER w/These Fine Features:

1) Full Floating, 3 Pt. Flotation Pivot Support Header Suspension.
2) All New Pivot-Arm Sickle Drive Eliminates All High Maintenance Wobble-Box Drives.
3) New Pivot-Arm Sickle Drive Delivers More Cuts Per Minute, Giving You 1620 Strokes Per Minute, For The Toughest Mowing Conditions. Driven From Lower Conditioning Roll, Which Delivers More Flywheel Momentum.
4) Two Inter-meshing Ribbed Rubber Conditioning Rolls w/35% More Working Edges Than Continuous-Ribbed Rolls.
5) Think About This...Only 16" From Sickle Bar To Conditioning Rolls, Removing All Dead Spots & Giving Complete Control Over Entire Crop Mat As It Flows Through Machine.
6) Fewer Moving Parts & Quieter Running Machine.

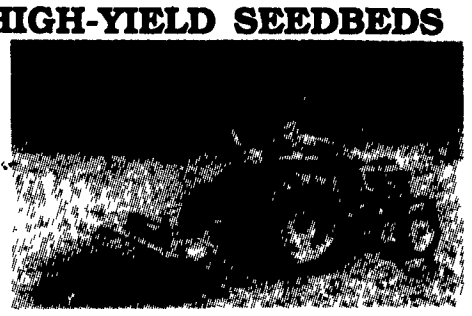
PLEASE CALL or STOP IN NOW!
We Have: NEW 9 FOOT 2170's In Stock Yet At Pre-Season Prices Which Are Much Lower Priced Than New Shipments Coming In
NOW IS THE TIME TO SAVE $$$ - WHILE THEY LAST!

YOUR KEY TO HIGH-YIELD SEEDBEDS

RTS-Series Rotary Tillers from Bush Hog® are available in 50 or 62-inch widths with an offset range of 6 to 12 inches. These rugged chain drive tillers are ideal for home garden work or the demands of professional nurserymen. Come in and see how the economical tools give you faster, more economical seedbeds.

In Stock! Ready For Work! Pick Up Yours Now!

BUSH HOG®
RTS-Series Rotary Tillers



50" 3 Pt. Tiller **$1,150**
62" 3 Pt. Tiller **$1,270**

NEW TUB GRINDERS AT OLD PRICES

FARMHAND GRINDERS
Turn Wood Bark Into $$$ Dollars!
We Have Just Received A SPECIAL PRICE REDUCTION! While They Last!

Here Is A Unique Opportunity To Earn Extra Profit From Sawmill Operations

Turn 1000's Of Tons Of Waste Material Into Profit With This Heavy Duty Grinder - In Stock At Binkley & Hurst Now! Try Our Economical Lease Plan w/Option To Purchase And Save Tax Dollars Now!

Wood bark was considered waste material only a few years ago. These mountains of bark, both hardwood and pine, also created disposal problems. Now these wood wastes are put through a Farmhand Tub Grinder which reduces the bark into a specific particle size. The end products are sold both in bags and in bulk by the truckload. They are in demand by lawn and garden supply outlets, golf courses, nurseries, parks and landscapers.

See us Now — **Most Of These Items Are In Stock** — *Unverferth McCurdy*

- Gravity Flow Bins and Running gears
- Gravity Bin Augers
- Grain Carts And A New Line Of Coulter Chisels and Field Cultivators
- Dual Wheel Kits For Your Tractor
- Truck Augers
- Corn Planter Augers, Cross Fill Models
- Combine Header Transport Wagons
- 3 Pt. Round Bale Design Plastic Wrapper Kit, For Better Outdoor Storage

---

In Stock At Special Reduced Prices!!!
— Don't Miss A Bargain! —

GRIMM BRINGS TOTAL LEAF CONSERVATION TO YOUR HAYMAKING OPERATION

Grimm is the pioneer and leading **American-made** Leaf Saver Tedder and the only **American-made** Rotary Head Tedder and Tedder/Rake. This is a big advantage if *repair parts* are needed. **Grimm dealers carry most parts or can get them *overnight from our Vermont factory.***

SAVE VALUABLE PROTEIN-RICH LEAVES
Model Super "C" Leaf Saver Tedder

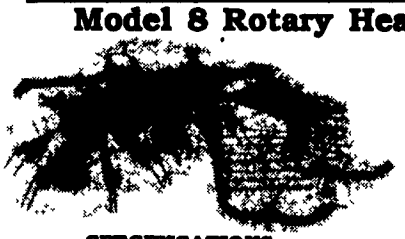
SPECIFICATIONS:
Tedding Width 8', Overall Width 10'6"
Net Weight - 680 lbs. 540 P.T.O.

This 8 ft. wide, PTO-driven model picks up all the hay to a three or four foot height and deposits it in a loose, fluffy condition of faster aeration and great penetration of the sun's warming and drying rays. The design and operation of the Model "C" has the unique advantage vs rotary-type tedders of not beating the leaves off alfalfa and clover.

PTO-driven jack shaft, drives the reel thru a V-belt which absorbs shocks and prevents damage to machine should tines strike an obstruction. Super "C" can be hitched to any tractor having a 540 rpm PTO and 1 3/8" six-spline shaft. Four horizontal bars each with 16 or 18 tines (alternately) are angled to pick up and release hay thru means of planetary gears revolving around a center "sun" gear. These machines are built to last.

Was ~~$1,870~~ NOW ONLY **$1,496**

2 MACHINES IN ONE; TEDDER AND RAKE
Model 8 Rotary Head Tedder/Rake

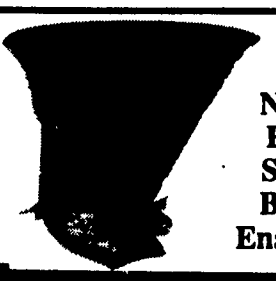


SPECIFICATIONS:
Tedding Width 94" Weight - 545 lbs.
2 - 13" O.D. Rubber Tires with Tubes 540 P.T.O.

This one machine does two jobs-teds hay with basket lifted, or rakes into fluffy windrow with basket lowered. Two rotary heads each with 6 arms equipped with two spring tines, turn in opposite directions to sweep hay sideways then thru center and spread out behind in a wide loose swath or in a fluffy windrow. PTO shaft drives both rotors thru heavy-duty V-belts (which carry a three year warranty). There are no gears, gear boxes or chains to break or wear out. Belts absorb any shock to protect mechanism should tines hit a stone or foreign object. Swivel wheels directly below each rotary head provide positive clearance. Adjusting angle of tines is quick and easy by use of a hand crank. All bearings are precision ball or roller-type with grease fittings to provide a long trouble free service life.

Repairs and wear are negligible. In fact, many of the original models are still giving good service to their owners.

Get This Super 8 Combination 94" Tedder/Rake & Save Money By Hauling One Away Now! Was ~~$1,815~~ NOW ONLY **$1,380**
Last One In Stock At Reduced Price!



LOOK AT THIS!

New 3 Pt. Fertilizer Spreaders Baked On Enamel Paint

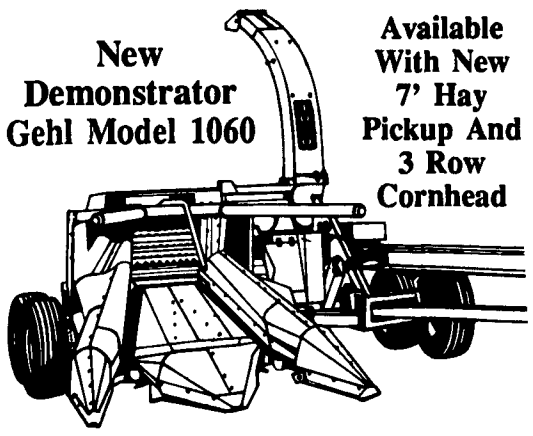
In Stock, Approx. 1000 Lb. Capacity, Approx. 10 Bushel SPECIAL OFFER Only $329

BINKLEY & HURST BROS INC
133 Rothsville Station Rd.
Lititz, PA 17543
(717) 626-4705

WANT A SPECIAL DEAL ON A NEW CHOPPER - WE'VE GOT IT!!

New Demonstrator Gehl Model 1060

Available With New 7' Hay Pickup And 3 Row Cornhead



GEHL **Versatility Champ!**

With a horsepower rating for maximum 200 hp, the Gehl 1060 features exclusive patented spinner delivery system that "jets" material from cylinder to blower in a continuous flow. Other features include over-running clutch; in-head hydraulic knife sharpener that allows in-field knife sharpening and refacing of cutterbar, using tractor hydraulics; and single-station cutterbar adjustment. Auto-Max system, speed monitor, metal detector, haylage water tank optional! It's totally versatile! Make us prove it with a demonstration.

Come And See A New Gehl 52 HP Skid Loader, Deisel Powered-

Test Drive It Today!

GEHL *Make A Special Deal Now!*

See Binkley & Hurst Bros. Inc., For A Good Tax Deductible Lease Purchase That Makes Our Reasonable Price Even Better!

See Us For Your NEW GEHL V-SPREADER Needs

- IN STOCK -

- Gehl 309, 540 RPM Drive, 1005 Gal., 192 Bu.
- Gehl 315, 540 PTO, 1621 Gal., 345 Bu.

Only A Few Left At Old Price - Let's Make A Deal Soon!

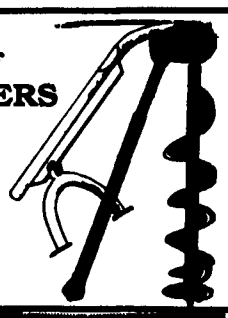
Come & See Our New Shipment Of POST HOLE DIGGERS

Economy & Heavy Duty Models

As Low As

$395 For 9" Auger

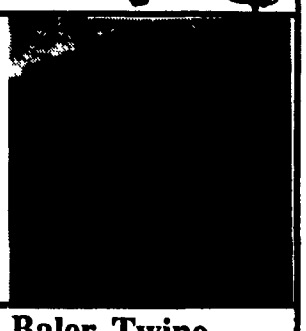
$410 For 12" Auger



NEW 260 BU. BRUNS GRAVITY BIN

(One Only!)

ONLY **$775**

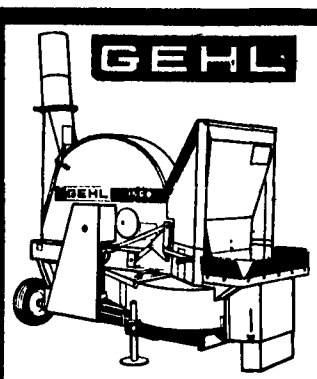


We Have Baler Twine In Stock At Cash & Carry Discount Prices!

7,200, 9,000 And 10,000 Sisal Twine

Stop In And Pickup Your Baler Twine Needs Now! The Prices Are Right!

GEHL **Unparalleled Performers**



Super Duty Small Drum Direct Drive 1000 RPM Models 1560 In Stock! Also 540 Drive Model 1540 Blower At Economical Prices!

The ultimate forage blowers are here - the Gehl 1540, 1560 and 1580 These blowers have been developed around the high capacity tradition of famous Gehl blowers In addition to unmatched capacity, these blowers boast many convenience features - swing-away blower outlet, removable tunnel covers, replaceable rim sheet liner, adjustable left axle, quick-adjust air vents, PTO storage hanger and more. PUT A GEHL BLOWER TO THE TEST ON YOUR FARM TODAY!

GEHL

We Have A Used (Like New) Flail Chopper In Stock

Showroom Condition!

NEW CONDITION

Only **$4,750**

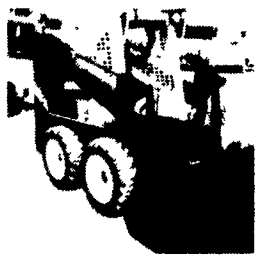
Versatility Pays!

Gehl's 7200 flail chopper green chops, shreds stalks, mows weeds and tackles other tough harvesting jobs with 39 double-edged, hardened steel flails. Unitized fan blades cut and throw material in one step for continuous crop flow. If you want a versatile, economical flail chopper, stop by today and see the Gehl 7200!

See Us For A Demonstration Today!

BEAT THE PRICE INCREASE! QUALITY GEHL SKID LOADER -

New Gehl Model 3610, 33 HP Hydrostatic w/Self-Leveling, Flotation 8:50x15 Lug Tires, Large Capacity 54" Bucket, Lights List Price Over $15,480



PAY ONLY ~~$10,850~~

Come Make A Deal!

MARTEC BALE FEEDER

- Available In Any Length
- Adjustable Opening Width
- HEAVY Construction
- Knock Down/ Boards Not Along

Approx. 5'x5' UNIT PICTURED = **$165**

NEW HEAVY DUTY WAGON GEARS IN STOCK

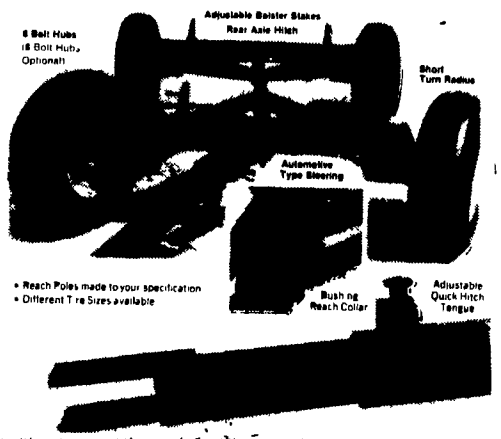
Before You Buy, Check This Out And SAVE $$$!

Prices Are Right - Examples:

6½ w/Used Tires & Tubes 10 Foot Long Pole 5 Lug Complete	8 Ton w/New 11Lx15-8 Ply Tires & Tubes 10 Foot Long Pole Complete	10 Ton w/6 Lug Wheels, Ext. Tongue w/New 11Lx 15-8 Tires Tubes Complete	12 Ton Single Axle Double Reach, Less Tires, 8 Lug Wheels Buy w/o Tires
$490	**$725**	**$775**	**$890**

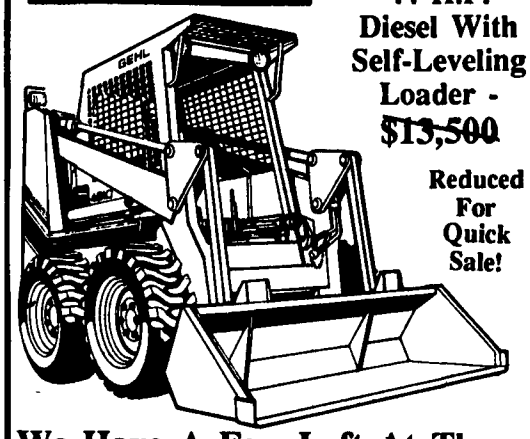
Field tested since 1965

Over 5000 in daily farm use


8 Bolt Hubs (8 Bolt Hubs Optional)
Adjustable Bolster Stakes
Rear Axle Hitch
Short Turn Radius
Automotive Type Steering
Bushing Reach Collar
Adjustable Quick Hitch Tongue
• Reach Poles made to your specification
• Different Tire Sizes available

GEHL **MODEL 4610 44 H.P. Diesel With Self-Leveling Loader - ~~$13,500~~**

Reduced For Quick Sale!

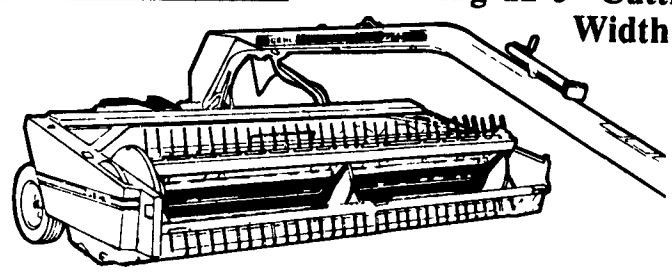


We Have A Few Left At The Old Price - Don't Miss A Bargain!!!

For jobs that aren't fit for a tractor

The Gehl 4510/4610 Skid Loaders are the machines you can count on to get the job done. The more you use a Gehl Skid Loader, the better you'll like the job-tough, time saving features: • Self-leveling lift action • Side mounted T-bar controls • Easy to view overhead instrumentation • Rollback cab for easy serviceability • High output hydraulics for smooth operation of a wide range of attachments • And much more See your Gehl Dealer today on how the 4510/4610 Skid Loaders can get the job done for you.

GEHL **New 2240 Hydraulic Swing 12'6" Cutting Width**



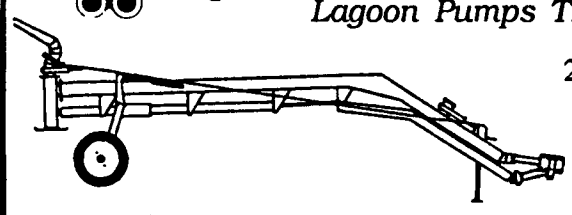
READY TO DEMONSTRATE THIS QUALITY PERFORMER!

109 Inches of Quality Conditioning

A Gehl center-pivot, swing frame mower conditioner gives you high capacity cutting and conditioning with outstanding maneuverability. Two models are available, the 2240 with 12'6" cutting width, and the 2270 with 14'6" cutting width. Both models feature wide, 109-inch rubber conditioning rolls with intermittent tread design to deliver thorough, uniform conditioning. These machines pivot at the center of the frame for easy header positioning, reducing cutting time and lowering fuel costs. And total hydraulic drive means smooth operation of low maintenance. Put a Gehl swing frame mower conditioner to work for you today!

HUSKY LIQUID MANURE PUMPS

Lagoon Pumps That Work!



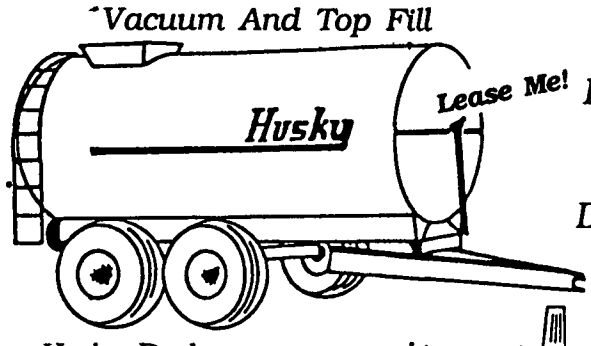
2400 US G.P.M. to 7000 US G.P.M.

8" Aluminum Discharge, Hydraulic Valves

BUILT STRONG TO LAST

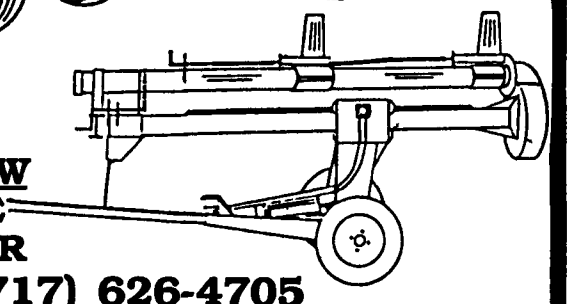
LIQUID MANURE PUMPS AND SPREADERS

Vacuum And Top Fill



Husky Equipment That Is Dependable!

Husky Dealer Of Quality Equipment



CALL US NOW AND PLACE YOUR ORDER

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3000 Gallon Vacuum Model IN STOCK!

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Located ½ Mile North of Rothsville
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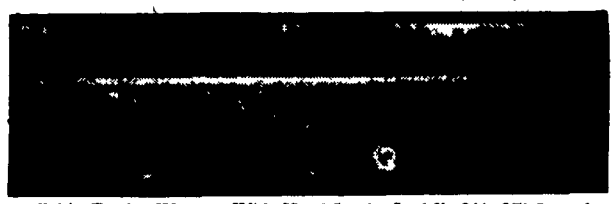
FEEDER WAGONS WITH SELF-LOCKING HEAD GATES

SLANT BAR FEED-THROUGH FEEDERS IN 16', 21', 27' LENGTHS



Also Available Feeder Wagons With Head Locks In 16', 21', 27' Lengths
16', 21', 27' Lengths Available A Great Feature For Feeding Cattle In Meadows Or Feed Lots
Three Wagons Can Be Used For Feeding Round Bales, Square Bales, Silage & Etc. Especially Where Ag Bags And Piles are Being Used
The Added Feature Of Having The Head Gates Makes It EAsy For Quick Vet Checks, Etc.
Also Available - Headlocks In Sections

For More Information and Prices Contact:

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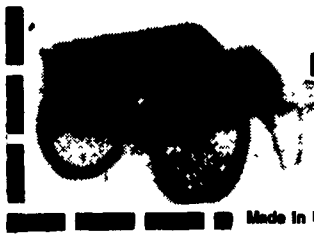
LAWN and GARDEN CARTS

- Big #26 cart, capacity 4 00 lbs. 14 bushels, 26x2.125 pneumatic wheels, pressure treated plywood, unassembled . . . $117.00
- also available with a removable front . . . $122.00
- #20 cart cap 8 bu 300 lbs., 20x2.125 pneumatic wheels . . $90 00
- 26x2.125 pneumatic wheels w/¾ " bearings . . . $46.00 set
- 20x2.125 pneumatic wheels w/¾ " bearings . . . $42.00 set
- #26 cart kit (plywood not included) . . . $82.00
- #26 cart kit w/removable front . . . $87.00
- 20 cart kit (plywood not included) . . . $70.00

Add 10% for postage and 6% sales tax for PA non-farm use

Ask For Free Brochure

send check w/order or we will send C.O.D.



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Made in USA

Farm & Farm Market Equipment For Sale

1984 Hill 12' produce case
1980 Gem 3 door reach-in display case
Refrigeration equipment, 7.5 HP, compressor, condensor, blower
1980 3,000 lb. Yale electric forklift
1984 Ford F-600 truck, 14' body
Heavy duty aluminum dock plate
Portable 3-level display shelves
300-20 bushel Smalley apple bins
Contact Ted Barclay
609-799-2074

FORKLIFTS & PARTS

4,000 Lb. Cap. Baker Balloon Tires, Towable, Gas, Excellent Condition $4,500
4,000 Lb. Cap. A/C 1979 Pneumatic L.P.G., Auto, Runs Good, Tires Filled $3,500
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Forks 25,000 Lb. Cap. 4' Long Pin Connected ..... $1,000 A Pair
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6,000 Lb. Cap. Clark Electric Solid Tires, 1978 3 Stage Mast, Sideshift, & Charger, Very Good Cond. $4,250
4,000 Lb. Cap. Baker Electric 3 Stage Mast Sideshift Very Good Cond., With Charger $3,500
6,000 Lb. Cap. Hyster 1973 Solid Tire Auto L.P.G. side shift Lumber Forks Excellent Condition $4,500
15,000 Lb. Cap, Hyster Dual Pneumatic Auto Rebuilt Gas Engine Excellent Cond. $10,500
2,000 Lb. Cap, Hyster Pneumatic, Gas, Wisconsin Eng., Air Cooled, Runs Good $1,900
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4000 Lb. Hyster Dual Pneumatic, Gas, Old But Runs Good $2,500

Many Mechanic Specials!

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Cowan Equipment

Martinsburg, PA
814-793-4293 Day or Evening

JD 2950, 4 WD
JD 2640
JD 2550 w/146 loader
JD 2940, 4 WD $15,500
JD 2940, 2 WD $12,500
JD 4240, powershift, 4 post roll guard
JD 4230 w/cab & quad range
JD 4020, powershift
JD 4020 side console, roll guard cab
JD 3020 WFE, real nice
JD 43 SOLD
JD 4020, dual hyd. & wide front
JD 4020, original paint, narrow front $6,750
JD 4010, narrow front
JD 720 gas
JD 620, 2 cylinder
IH 1066, cab & air, excellent
IH 856 w/cab, 2,600 hrs.
IH 560 diesel
Farmall 340 w/2 btm. plow
Deutz 6507
Oliver 1855 diesel
Oliver 1750 w/3 spd.
MF 1105 Fender Tractor
MF 35 w/loader
Ford 800, 3 pt, nice condition
MF 124 baler w/kicker
JD 350B Crawler Loader
JD 350, 6 Way Blade
JD 450C w/6 way Blade
Bobcat 643 diesel
Snap on duals 34"
Axle mount duals for IH 38"
Roll guard for 2950 ..... $650
Turbo Charger for 4020 or 4230
JD roll guard cab for 4320
Hiniker 1300, cab w/air for JD 4030
MF 468 corn planter, 4 row, ex. cond.

USED EQUIPMENT

TRACTORS

IH 706 Dsl.	$5,900
Ford 1210 Hydro w/60" Mower	$ 6,400
JD 4630 w/duals, PS, engine overhauled	$15,000
JD 575 Skid Steer Ldr., Demo Units	$12,700
JD 575 Used Skid Steer Ldr., 300 hrs.	$10,700
Ford 2000	$ 3,900
Case 1290 Tractor w/quick attach loader, 500 hours	$10,900

COMBINES

JD 6620 Side Hill 215 Flex, Reconditioned	$42,000
JD 4400	$ 8,000
1979 JD 4400	$15,500
JD 643 Corn Head	$ 7,500
JD 444 Corn Head	$ 4,500
JD 443 Corn Head	$ 5,500
JD 244 Head	$ 2,800
JD QT 16' Head	$ 1,200

PLANTERS - DRILLS

JD 8300 23x7	$ 3,500
JD 8300 21x7	$ 2,800
JD 7000 6R, Cons. Dry	$ 4,500
JD 6R Consv. Liquid	$ 6,500
JD 6 Row Cons. Dry	$ 7,500
JD B Drill	$ 1,500

TILLAGE

JD 950 10 Ft. Roller Harrow	$ 3,300
F845 2 Way Plow	$ 2,500

HAY & HARVESTING

JD 1065A Wagons w/Hay Rakes	$ 2,000
JD 1327 Mower Conditioner Used 350 Acres	$ 7,800
JD 1219 MoCo	$ 6,400
JD 1360 MoCo 1 Yr. Old	$8,800
JD 750 Grinder Mixer w/Scale	Coming In
JD 337 Baler w/40 Ejector	$ 7,700
JD 35 Harvester, 2R 30" Head	$ 2,900
JD 30 Potato Digger	$ 1,500
IH 720 Harvester w/2 Heads	$ 2,500
NI 324 Corn Picker w/329 Sheller	$ 3,700
JD 40 Spreader	$ 1,800
Ford 943, 6' Rotary Cutter	$ 700
Grimm Super 8 Tedder	$ 1,295
Grimm Real 8 Ft. Tedder	$ 1,595
NH 256 Rake	$ 1,400
Zimmerman 36' Elevator	$ 2,200

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Halifax, PA 17032
Phone: 717-362-3132

FMC 2 Row Self-propelled fresh market sweep corn harvester.

Hagie High Clearance sprayer, 45' booms with drop nozzles and extra parts.

1972 Ford LN8000, 3208 Cat Diesel, 56,000 lb. GVW, excellent shape.

12 Kinze Unit Mount, no-till coulters.

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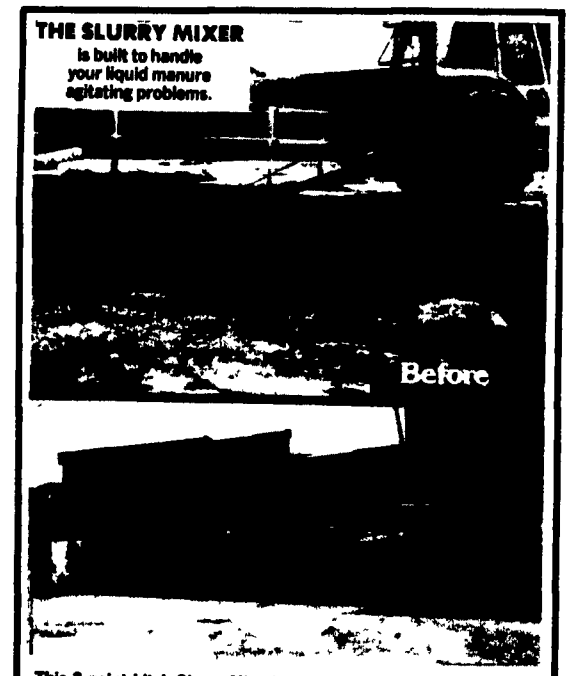


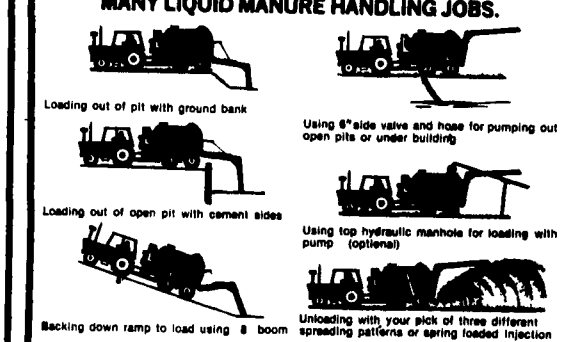
This 3 point hitch Slurry Mixer's large 22" propellor produces a strong undercurrent that moves liquids, floating chunks of crust, weeds, bedding and dried manure into the propellor that chops, mixes and blends your manure into an even liquid Slurry.

Priced at $2,285

SLURRY BUGGY EQUIPMENT COMPANY

THE 2900
SLURRY BUGGY

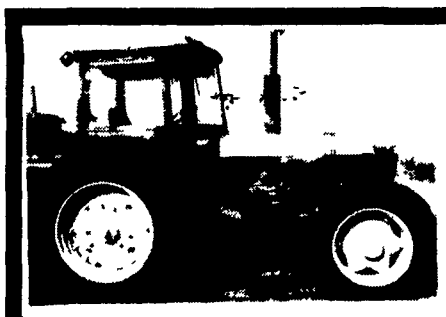
HAUL LIQUID MANURE ALL DAY WITHOUT GETTING OFF THE TRACTOR SEAT USING THE SLURRY BUGGY EASY LOADER.
THE SLURRY BUGGY IS DESIGNED FOR YOUR MANY LIQUID MANURE HANDLING JOBS.



Loading out of pit with ground bank
Using 6" side valve and hose for pumping out open pits or under building
Loading out of open pit with cement sides
Using top hydraulic manhole for loading with pump (optional)
Backing down ramp to load using 8 boom
Unloading with your pick of three different spreading patterns or spring loaded injection

We Have Spreaders To Rent - 1500 & 2900 Gallon
FOR FREE LITERATURE CALL OR WRITE

SLURRY BUGGY EQUIPMENT COMPANY



82 JD 4050 (4040S)
4WD, C/A, 2250 Hrs., Turbo,
18.4x38 (New), 2 Remotes ..... ~~$26,900~~
$25,900

BEFORE YOU BUY ANY TRACTOR...

NEW or USED... 2WD or 4WD...
CHECK the UNBELIEVABLY
LOW PRICES
at

DAVEY JOAN'S TRACTOR SUPER-MART

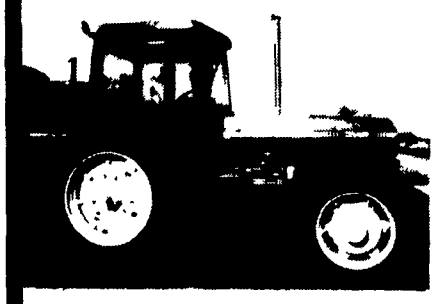
Location: Junction of NY 104 and NY 13
Williamstown, NY 13493

1-315-964-2294

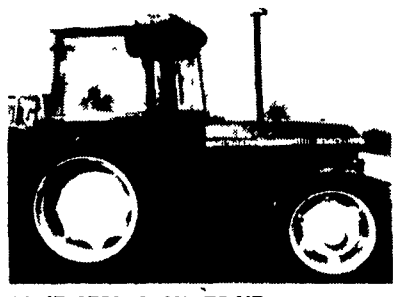
6-3

FREE DELIVERY

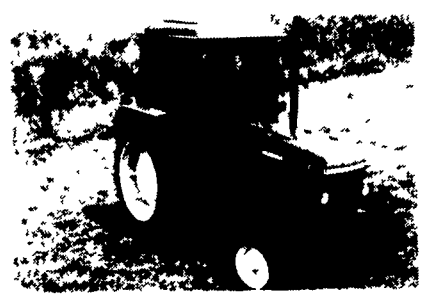
83 FD TW-25, 140 HP, 4 WD, C/A.,
1980 Hrs., 18.4x38 ..... ~~$32,900~~
SPECIAL $31,900



81 JD 2950 (3140), 85 HP, 4 WD,
Cab, 3700 Hrs., 16.9x38R, (New)
2 Remotes, Hi-Lo $21,900



83 JD 2750 (2140), 75 HP,
4 WD, Cab, 3650 Hrs.,
13.6Rx38 (New)..... $18,500



82 JD 2750 (2140), 75 HP, 2 WD,
2400 Hrs., C/A, 13.6x38R $17,900

82 FD 6610 72 HP, 2 WD,
Cab, 16.9x38, 2713 Hrs.,
2 Remotes, Stand ..... ~~$14,900~~
$13,500

80 JD 4440, 130 HP, 4 WD,
C/A, 4171 Hrs., 18.4x38R, (New)
Quad $22,900

83/84 JD 4250, 120 HP, Mech.-4WD,
C/A, 3100 Hrs., 20.8x38, 2
Remotes, Quad..... $34,500
84 JD 4250, 120 HP, Mech. 4WD,
C/A, 18.4x38, 2660 Hrs.,
2 Remotes, Quad..... $34,500
86 JD 4450, 140 HP, 4 WD, C/A
20.8x38, 790 Hrs., 2 Rem (like new)..... $27,900
83 JD 2950 (3040), 85 HP, 4 WD,
CA, 16.9x38R, 2442 Hrs., Hi-Lo..... $21,500
80 JD 4240, 110 HP, 4 WD, C/A
3291 Hrs., 18.4x38, 2 Remotes..... $18,900
80 JD 4240 - 110 HP, 4 WD, C/A
18.4x38, 3884 Hrs., 2 Remotes..... $18,900
80 JD 4240, 110 HP, 4 WD, C/A,
18.4x38, 2800 Hrs., 2 Remotes..... $18,900
80 JD 4240, 110 HP, 2 WD, C/A,
18.4x38R, 3200 Hrs., 2 Remotes..... $17,900
83 JD 2750 (2140S) 65 HP, 2 WD, C/A,
13.6x38, 2700 Hrs., Hi-Lo..... $15,500
83 JD 2550 (2040S), 65 HP, 2 WD, Cab,
13.6x36, 2400 Hrs..... $14,500
83 JD 2550, (2040S), 65 HP, 2 WD,
Cab, 13.6x38, 2570 Hrs. $14,500
80 JD 2240, 50 HP, 2 14.9x28,
2800 Hrs., w/145 Loader $11,500
74 JD 4230, 100 HP, 2 WD, 16.9x38
5739 Hrs. $9,500
79 JD 2040, 40 HP, 2 WD, Cab,
1631 Hrs., 14.9x38..... $7,500
65 JD 1010, 36 HP, 2 WD, 1931 Hrs.,
13.6x28 ..... $2,750
82 FD 7710 86 HP, 4 WD, Cab,
16.9x38 2 Remotes, Dual Power..... $21,900
82 FD 7610, 84 HP, 2 WD, 15.9x38
Cab, 3100 Hrs..... $14,900
81 IH 986, 106 HP, 4 WD, 4 Post
ROPS, 2738 Hrs, 20.8x38..... $12,900

81/82 JD 4240, 110 HP,
4WD, C/A, 18.4x38m 2164
Hrs., 2 Remotes $18,900

74 IH 966, 95 HP, 4 WD, Cab,
18.4x38, 4400 Hrs., 2 Rem..... $9,900
81 Case 2090, 110 HP, 2 WD, C/A,
23.1x34, 2500 Hrs., 2 Rem..... $14,900
87 Mitsubishi 250D, 22 HP, 4 WD, 606 Hrs.
11.2/10x24 (New) w/Woods Mower $8,500
Bomford 72" Mid-Mount Mower..... $2,950
Bomford 60" Side Mount Mower $5,000
Pettibone PM-245 DA Loader, 4 WD,
Cab, 17.5x25, As Is Special..... $7,500
80 Bolens Iseki 6165, 15 HP, 4WD, 500 Hrs.,
8x16 (Turf), w/Great Bend Loader-48" $5,250
77 IH 570 Spreader $2,500
70 New Holland 282 Baler $2,500
77 New Holland 357 Feed Grinder $2,500
Snyder 300 Gal. Corn Sprayer..... $1,500
Hay Conveyor..... $1,500

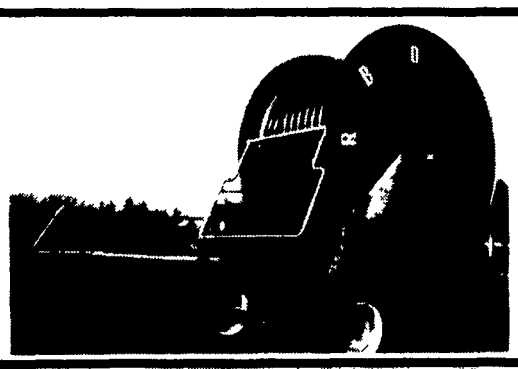
SPECIALS

64 JD 2010, 47 HP, 2 WD, 14.9x28, Synchro ..... ~~$6,500~~
$5,800
62 Cat 922A Loader, 80 HP ~~$12,500~~
4WD, 14.00x24 ..... $10,900
72 White Moline, 4 WD, Cab,
2 Remotes, 18.4x38 ..... ~~$11,900~~
$10,900
77 AC 7080, 180 HP, 2 WD, C/A,
20.8x38, 3800 Hrs., 2 Remotes..... ~~$10,900~~
$9,800
71 Mack Tractor, Diesel $5,000
5 Head Tiller, Used $2,950
70 IH F544, 55 HP, 15.5x38, 2840 Hrs. 2 Rem.,
Hydro-static, Mechanics Special, As Is $3,500

STEEL TANK TRAILERS

1965 STST 7,000 Gal. Steel Tanker, 38' $1,500
1956 QU/CI 6,000 Gal. Steel Tanker, 35' $1,000

Used Rock Pickers .....$2,950-$4,950
16,840 Gal. Vertical Fuel Tank
Used For Fuel, Grain, Storage,
Water, and Waste..... $1,950
23,000 Gal. Tank $2,300



VERMEER HOSE REEL:
4"x1250' - For Manure or Water Irrigation, pumps any type of manure (dairy, chicken, beef, veal, hog, etc.), Fair Condition- $12,500

USED IRRIGATION PIPE SPECIALS

98	5"x20'	McDowell	$45 each
76	6"x20'	McDowell	$60 each
40	6"x20'	Ireco	$50 each
90	5"x20'	Ireco	$45 each
50	4"x40'	Ireco w/Sprinklers	$50 each
20	2"x40'	Ireco Steelume	$35 each
105	2"x20'	Ireco Steelume	$20 each
32	5"x30'	Ireco Steelume	$70 each
137	6"x30'	Hook	$80 each
21	6"x40'	Hook	$100 each
30	10"x30'	Ring	$150 each

1 - Ag Rain Soft Hose Traveler 4½ " Hose $7,500
1 - 6/71, 200 HP, Detroit Diesel $12,500
1 - 3/53,95 HP Detroit Diesel $7,950
1 - 50/150 Bauer Hard Hose, 25 A Reel $3,950
1 - Rebuilt Bauer Roto Manure Pump...Reg. $5,950 ..... NOW $3,750
1 - 88 Hale 6" PTO Pump $3,500
1 - Hale 3 Pt. 500 GPM $1,750
1 - Hale 50 FB3 R1000 ..... $3,250
1 - Gorman-Rupp 64 AG 4" $2,500
1 - Gorman-Rupp 66 D2G 6" $3,500
1 - 6 Cyl. Ford Diesel 6x6, 1750 GPM, Rebuilt $10,000
1 - Detroit 6/71 High Pressure Rebuilt $12,500
1 - Detroit 6/71 High Volume Rebuilt $12,500

TICO/FERBO AUTOMATIC HARD HOSE REELS

ACRES IRR/WK.	ACRES IRR/ROW •	HOSE O.D.	HOSE I.D.	IRRIGATED LENGTH	WIDTH	MODEL	PRICE
25	2	2"	1.6"	700'	180'	50-180	5,250
50	4	2.5"	2.1"	820'	210'	63-250	11,900
60	4	3.1"	2.8"	1150'	240'	75-320	15,900
75	5	3.3"	2.9"	1100'	240'	82-300	15,900
90	6	3.6"	3.0"	1130'	250'	90-350	19,900
130	7.5	4.3"	3.7"	1130'	290'	110-350	23,900
110	8.0	4.3"	3.7"	1290'	275'	110-400	28,900
145	9.0	5.0"	4.0"	1140'	320'	125-350	29,900
130	9.0	5.0"	3.9"	1450'	380'	125-450	34,900

As A Spring Special You Can Deduct 15% Off Any Price Quoted Or
We Will Provide You With A Free Pump When You Purchase A Hose Reel.

PUMP, Don't Haul Your MANURE!

WITH TICO IRRIGATION and BAUER ROTA-PUMPS
...you can pump and spread in one day what would take a week to haul, regardless of field conditions

TICO MANUFACTURING, INC.

IRRIGATION HEADQUARTERS
EASTERN UNITED STATES
RT. 13, WILLIAMSTOWN, N.Y. 13493
24 HR. PHONE (315) 964-2214

IN VIRGINIA AREA:
CALL LLOYD INGRAM AT 703-369-4486

Smith's Implements, Inc.

12258 Buchanan Trail West, Mercersburg, PA
Phone (717) 328-2244 & 2226

New John Deere 2955 Tractor 2 WD,
85 HP ..... Close Out Price **$23,500**
Waiver of Finance Available Until 7/1/89 Upon Approval
JD 4230 Tractor with 4 Post, QR Trans.,
Weather Enclosure, Clean Tractor ..... **Call For Price**

Planters

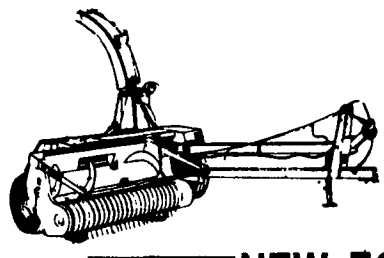
JD 7000 4R Planter w/dry fert. and extras **$4,900**
JD 7000 6R Cons. Planter w/frame coulters, liq. fert.,
loaded with extras, 2 yrs. old, only planted 300 acres

Hay & Forage

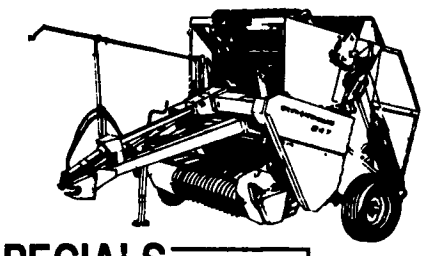
JD 830 Self-prop. windrower w/12' head ..... **Call For Price**
(3) JD 716A Forage Wagons w/Roof & 3rd Beater w/JD
1275 Tandem Running Gears, 12.5Lx15 12 Ply
Goodyear Tires, Excellent Condition
(1) JD 716 Forage Wagon w/Roof and Third Beater
w/JD 1275 Running Gear
NI Wheel Rake **$575**
JD 3 Row Wide Row Crop Head **$2,600**
JD 3 RW Corn Head **$2,200**
JD 2 RN Corn Head
Variety of 2 RW Corn Heads Available
JD 1209 Mower-Conditioner w/New Style Polyurethane Rolls,
Completely Reconditioned **$3,700**

Miscellaneous

JD 32B Sprayer w/26' Booms, 210 Gal. w/o Pump **$495**
JD 780 Hydra Push Spreader w/Hyd. Endgate, 2 Years
Old, Excellent Condition ..... **Call For Price**
New Hyd. Markers For JD 7000,
6 Row Planter ..... **Call For Price**
Century 500 gal. sprayer 38" booms with cent pumps.... **$2,150**
(2) New JD Frame Mounted Coulters for 7000 Planter



Ford
FORD
NEW HOLLAND

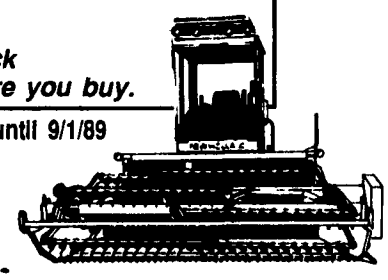


NEW EQUIPMENT SPECIALS

MANURE SPREADERS	LIST	CASH
NH 514, 1120 Tires & Spl. Grd.	$ 3,928	$ 2,795
NH 680, Hyd. End Gate, Top Btr. & Spl. Grd.	7,695	5,725

Haybine Deals June Cash Only

HAYBINES	LIST	CASH
NH 1499	44,280	33,920



Many more items in stock
Check our inventory & price before you buy.

Free Financing Hay & Forage Equipment until 9/1/89
or
Finance Rates 0% - 18 Months
5.9% - 24 Months
7.9% - 36 Months
or
Check with us for Big Cash Rebate Amounts

DEPENDABLE MOTOR CO.

East Main St., Honey Brook, Pa.
215/273-3131 or 215/273-3737

SCHMIDT "HEAVY DUTY REBUILT TABLE AUGER"

Damaged Or Broken Combine Table Augers Rebuilt Same As New!

No need to purchase a new auger when you can buy one that's rebuilt! Or have your auger repaired for less than one half of the new auger price!
Rebuilt augers are guaranteed to run true! "They are jig repaired."
We Can Rebuilt All Makes Of Augers
Call Now For An Appointment & Price Quotation To Have Your Auger Repaired

NEW AND USED IMPLEMENTS

Tag	Brand	Model	Machine	Sale Price
NB3976	MF	676	Blower	$2,200
NB3977	Grimm	S-8	Tedder	$1,620
NB6047	Pequea	710	Tedder	$1,275
NB6048	MF	585	P.T. 5-Bar Rake	$2,350
NB6049	MF	775	Swather Auger Head	$700
NB6053	MF	41	Mower	$2,250
NB6072	J-Bar	L C 4	Finger Wheel Rake	$475
NB6074	J-Bar		Disc Mower	$2,500
UP5153	MF	345	Plow	$2,500
UP3973	Landoll	875	11' Field Cultivator	$2,800
UI			Tye Drill	$8,500
NI5189	J-Bar		6 ft. Box Scraper	$300
NI5186	York	75	8 ft. 3 pt. Blade	$1,075
NI5182	MF	1028	48" Box Scraper	$320
NI3965	Woods	M721	6 ft. 3 pt. Rotary Mower	$1,050
NI5184	J-Bar		7 ft. 3 pt. Blade	$295
NI5185	J-Bar		8" HD 3 pt. Blade	$750
NI5188	Myer	C-8	8 ft. Snow Plow	$1,400
NI5193	J-Bar		6 ft. 3 pt. Yard Blade	$380
NI5005	J-Bar		Soil Scoop	$175
NI5190	Worksaver	EB6-3	6 ft. 3 pt. Blade	$225
NI5191	Worksaver	RB7582	8 ft. 3 pt. Blade	$700
NI5192	J-Bar	7 ft. 3 pt.	Yard Blade	$295
NI5194	J-Bar		6" 3 Pt. Yard Blade	$380
NI5195	Tr. Blazer		3 pt. Bale Fork	$150
NI5197	Dunham	22	Loader	$3,350
NI3960	Danuser	MD6	Post Driver	$1,650
NI3962	J-Bar	Condor	6 ft. Rotary Cutter	$675
NI3963	Danuser	MS-I	Wood Splitter	$780
NI3969	Brady	5072	6 ft. Flail Chopper	$2,500
NI3976	Woods Dix	M-5-4	5 ft. 3 pt. Rotary Cutter	$900
NI3978	EZ Trail	672		$500
NI3979	EZ Trail	872-W		$925
NI3980	EZ Trail	1074		$1,150
NI6056	Danuser		Post Hole Digger	$675
NI6075	Woods	RM59	Rotary Cutter	$1,000
NI6076	Woods	RM600	Rotary Cutter	$1,650
NI6077	Woods	Cad. 84	Rotary Cutter	$1,925
NI6078	Woods	Dix M5	Rotary Cutter	$900
NP5200	Sovema	L120	4 ft. Rotavalit	$1,075
NP5108	Sovema	L120	4 ft. Rotavalir	$1,075
NP3970	Dunham	40	12 ft. Culti Packer	$1,725
JD 18' Disc				$1,200
MF 246 Loader				$3,100
Noble 6R Culti				$2,950

We Purchased 65 Rental Tractors From Massey Ferguson With Big Savings!

Contact Us Now For The Best Deal On Tractors With Low Hours At Used Prices.

DO NOT WAIT!
We Sold 31 Already
Contact Us For Low Prices!
90 HP 399 2 & 4 WD
80 HP 398 2 WD
35 HP 1045 2 & 4 WD
31 HP 1035 2 & 4 WD
26 HP 1030 2 & 4 WD

USED TRACTORS

90 HP MF 399 2 WD	$18,500	31 HP MF 1035 2 WD	$7,600
90 HP MF 399 4 WD	$22,000	31 HP MF 1035 4 WD	$8,900
80 HP MF 398 2 WD	$18,100	JD 2630 Tractor	$7,900
35 HP MF 1045 2 WD	$8,650	Farmall 504 w/3 pt. hitch	
26 HP MF 1030 2 WD	$6,700	MF 150 Gas Tractor	$3,000
26 HP MF 1030 4 WD	$8,000		

Just Arrived 850 Combine
Only 1100 Hours

USED COMBINES

1986 860 Hydro V8, Only 1400 hrs.				$37,000
MF 9120 Floating Grain Head				$5,000
MF 1183 Cornhead				$6,000
1981 MF 860 Hydro V8 4 WD				$25,000
MF 9118 Grain Head				$6,000
1980 Model 550 Gear Drive				$12,500
MF 205 w/10' Head				$3,500
MF 33 Cornhead				$1,800
1980 MF 550 Hydro, w/4WD				$12,800
MF 1143 Corn Head				$4,800
NH 975 w/Grain Head				$1,200
Tag	**Year**	**Brand**	**Model**	**Sale Price**
UC4908	74	MF	510 Combine	$3,500
UC5117	70	MF	510 Combine	$2,800
UC4821	74	MF	760 Combine	$7,500
UC4893	77	MF	750 Combine	$14,000
UC4928	77	MF	750 Combine	$12,000
UC5174	78	MF	760 Combine	$14,000
UC5151	69	MF	510 Combine	$3,500
UC5476	75		510 Combine	$2,000
UC3085	74		760 Combine	$7,500
UC5931	73	MF	760 Combine	$10,000
UC5952	80	MF	760 Combine	$20,000
UC5934	73	MF	510 Combine	$8,500
UC4908	73	MF	510 Combine	$5,500
UC5930	77	MF	760 Combine	$5,500
UC5994	72	MF	510 Combine	$1,900
UC4825	84	MF	850 Combine	$25,000
UC5999	81	MF	540 Combine	$12,000
UC	77	MF	760 Combine	$10,500
UC6001	70	MF	410 Combine	$2,500
UC6071	79	MF	760 Combine	$15,000

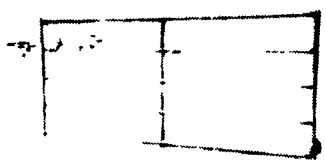
MASSEY-FERGUSON

M.M. WEAVER & SONS, INC.

Leola, PA 17540 **(717) 656-2321**

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

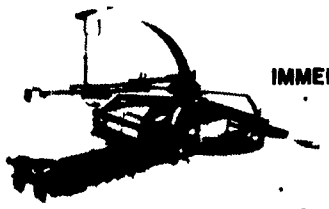
"GATES"
STRONG - LIGHTWEIGHT
1 5/8" Tubing
Painted



We Salute The Dairy Industry!

Lancaster BELT FEEDER AND "NEW" Lancaster CONVEYOR
Modern dairy and beef feedlots can be automated with the use of bunk feeders using belt feeder units Corn silage haylage high moisture corn and other feed material can be distributed quietly evenly and with no separation A traveling plow unit places the feed directly to the center of the bunk trough Simple operation and very low horsepower requirements make this Lancaster belt feeder popular with dairy and beef operators Rubber belt and wooden trough design keeps silage from contacting or corroding metal

"NEW" HANSON #428 TURBO RING-DRIVE SS

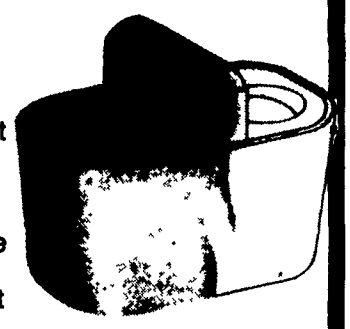


IN STOCK
IMMEDIATE DELIVERY

STAINLESS STEEL - 4 PADDLE BLOWER
STAINLESS STEEL - SPOUT LINER
STAINLESS STEEL - AUGER COVER

Ritchie

- Energy Free!
- Cool water in summer and frost free in winter.
- Valve is anti-syphon non-float operated. Positive shutoff.
- Sealed to prevent algae formation.



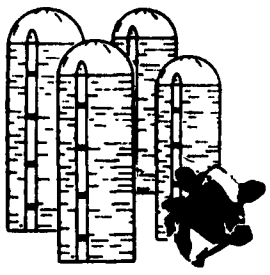
the one that keeps rolling when others quit!

Automatic
EARCORN
BLOWER
MILL

NEW AND USED UNITS AVAILABLE

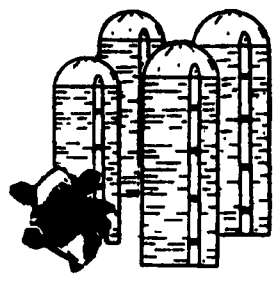
Lancaster Brand
Single and Double
UNIT WATERERS
14 GAUGE STAINLESS STEEL

Available In Gas or 1½ HP, 2 HP Electric and Hydraulic Motors



LANCASTER SILO CO.

2008 Horseshoe Rd.
Lancaster, PA. 17601
717/299-3721

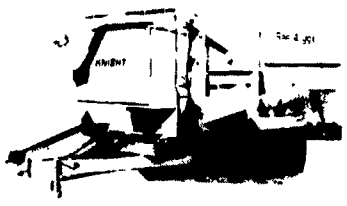


KNIGHT

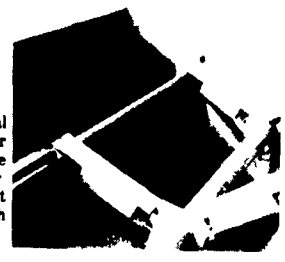
Reel Auggie

2000 Series

A new concept in TMR Mixers



The Mixer/Blender/Feeder that handles your TMR ingredients including **long stem hay.** Pictured is the RA2250



Reel Auggie Mixing Chamber

The reel turns slowly and gently lifts material into the two blending augers The lower auger is notched and moves the material forward The upper auger, which moves the material rearward, features replaceable knives which assist the blending of long baled hay or other tough roughage materials.

Advantages of the Reel Auggie Design

*Blending long hay, other roughages, and by-product materials.
*Reduced mixing time with lower horsepower requirements.
*Reduced material breakdown, fluffier material consistency and faster, more even unloading.
*Power chute optional in tow and truck mount applications.

Stationary - Tow - Truck

You can depend on a Knight
Since 1945

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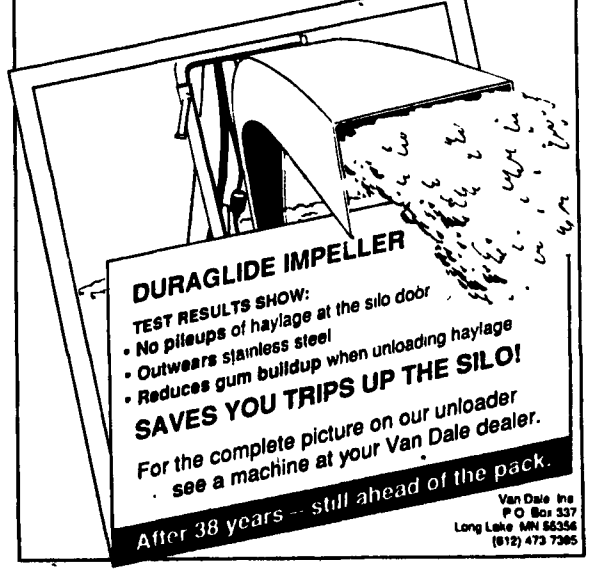
Only Van Dale gives you the whole picture on gummy haylage.



DURAGLIDE IMPELLER
TEST RESULTS SHOW:
- No pileups of haylage at the silo door
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- Reduces gum buildup when unloading haylage

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EXCLUSIVELY from VAN DALE

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2 Row Wide Head For Hesston 2000-100 For. Harvester
Gehl TR3038 2-Row Wide Forage Head
Coby & Kasten Wagons
IH 550 w/2 Row Head And Pickup
Fox 2000 Harvester w/2 Row Narrow
Fox 2310 Forage Harvester
NI 327 Picker, 2-Row Wide
Assortment of Gehl 99 Forage Blowers

MOWER CONDITIONERS
(2) Hesston 1014 Windrowers
Hesston 1090
Hesston 1091, 9 Ft.
Hesston PT-10 Windrower
Hesston 6600 Self-Propelled
NH 499
Vicon KM 240, Rotary Disk Cut
Vicon K SOLD, Rotary

PLANTERS
AC 333 6-Row No Till
White 5100 Air Planter, 6-Row

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Case 580C w/Cab
Case 580D, ROPS w/Extendahoe
(2) Case 1740 Uniloaders
Case 780 Loader Backhoe
Case W10E Loader
JD 310A Loader Backhoe
Gehl 4500

MISCELLANEOUS
Van Dale Feeder Wagon
NH 365 Tub Spreader

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Woods 1850 Front Mower
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IH 3488 Hydro
IH 1466
IH 806
IH Hydro 186
Oliver 550
MF 20
MF 150 G
Farmall H
Gehl 4500 Skid Steer

TILLAGE
White 271 Disk, 22'
Brillion 21' Packer
Brillion 15' Cultimulcher
Brillion 16' Packer
Brillion 12' Cultimulcher
Tebben Deep-Till, 7x30"
IH 475 Disk 17'
IH 370 Disk 12'
IH 475 Disk 18'
Pittsburgh 19' Disk
JD 210 Disk 12'
Bush Hog 24' Disk
Case 14' Disk
Case 7x18 Plow
MF 880 Plow 6x16' On Land
Krause 2905 Subsoiler 5x30
Krause 1966 Disk 31'
Sunflower 20' Offset Disk
Sunflower Disk 29'

MISCELLANEOUS
IH 56 4 Row Planter
IH 510 Drill, 20x8
IH 60 Shredder
Hesston 4800 Big Baler
FMC D010 Sprayer
FMC Model DM10E Sprayer
18' Bale Wagon
Little Giant 40' Elevator
JD 660 Manure Spreader
JD 8300 21x7 Drill
JD 8300 23x7 Drill
Hesston 1010 Mower Conditioner 9'
NH 1495 Head
NH 27 Blower
NH 1010 Bale Wagon
NH 850 Round Baler
NH 352 Grinder Mixer

COMBINES
MF 760
IH 915
IH 1460
JD 7700
IH 815

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Farmall Cub Loboy with 5' belly mower, $1,725
AC 190 Dsl., WF, 3 pt.
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TILLAGE
IH 37 8' disc, nice
IH 4 row frt. mtd. cultivator
Dunham 9 ft. roller harrow

HAY EQUIPMENT
NH 269 baler, super sweep pickup w/chute, w/ or w/o engine, nice
MF 124 baler w/chute, late model
JD 224T w/thrower
NI 299 9' haybine
AC 904 haybine
NI 290 9 ft. haybine
IH 1190 9 ft. haybine
NH 269 Baler w/thrower
NH 276 Baler w/thrower
NH Super 69 Baler w/Chute
Oliver 520 Baler w/Thrower, nice
NI 404 Wheel Rake
Balers for parts
IH 990 7 ft. haybine
Hesston PT7 haybine, 7 ft.
IH 990 9 ft. haybine

MISCELLANEOUS
IH 100 belt-driven 7 ft. mower 2 pt.
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2 Sets of 18x38 Dual Wheels
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USED TRACTORS
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Farmall Super C
Far SOLD 806, nice
Int. 966 w/Cab
Ford 4000 diesel
Case 1270
JD 85 SOLD ader

USED SKID LOADERS
Case SOLD B

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NI #311 2 RW picker
Int. 510 16x7 DD grain drill
Int. 800 4RN cyclo planter
Int. 2 btm F.H. plow
Int. 175 manure spreader
Int. 5500 3 pt. chisel plow
IH #430 Baler
JD off SOLD isc, 7'
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71 SOLD MFD

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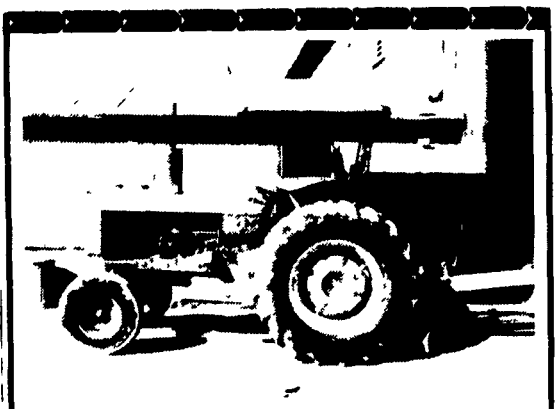

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1 owner
$10,000
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IH 986, cab, new TA, $10,800
JD 2940, 4 WD, high-low, $11,200
JD 4440, cab, QR, wts., $19,800
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Farmall 1066 No Cab, Duals, Excellent Shape

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JD 1975, 7700
NH TR70 w/15' Platform and JD 643
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AC 8R No-Till w/Liq. Fert. & Hydraulic Markers
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JD 7000 4R 30" Liq. Fert. No-Till

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JD 347 Wire Baler
IH #60 Stalk Shredder
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JD 15' Rotary Hoe, 3 Pt. Hitch
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IH 3588, 2+2, 4-WD, 18.4x38 Tires, Dual PTO, 150 HP 3 Pt. Hitch. (W2244)
IH F1086D, 16 Spd. w/TA, Cab w/A/C, 18.4x38, Dual PTO, Hitch, 140 HP. (W3500)
IH F706D, 16 Spd. w/TA, 18.4x34, Dual PTO, 75 HP. (W2925)
IH Farmall H, Gas, 13.6x38, 540 PTO, 32 HP. (W3421)
White 4-150, 4-WD, 195 HP, 18.4x38, 1000 PTO, Hitch, Cab. (W3295)
AC, B, Gas, 11.2x24, 540 PTO. (W3275)
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MF 1800 23.1x34, 4WD, Cab, AC, 3 Pt. Hitch (W4107)
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IH Farmall 400 Gas, 13.6x38 Tires, Belt Pulley (W4251)
MF 50 Tractor w/Loader 12.4x28 Tires, 45" Manure Fork, 72" Bucket (W4164)
Deere 2030 w/148 Loader 72" Light Mat. Bucket, 16.9x28 Tires
IH F1066 Diesel, Gear, TA, 540/1000 PTO, 10.00x16 & 20.8x38 Tires, Cab (W4038)
JD 4430 Diesel, Quad Range, 540/1000 PTO, 10.00x16 & 20.8x38 Tires (W4321)
IH 1086 Tractor 1981 Pink Stripe (W4011)
IH 464 Gas, Gear, 540 RPM PTO, 6.00x16 & 13.6x28 Tires, 3 Point Hitch (W3850)
IH F300 Gas, 540 RPM PTO, 6.00x16 & 12.4x38 Tires (W4310)

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Deere 10' Transport Disc. (T3243)
White 18' Tandem Disc, Manual Fold, 7½ " Disc Spacing, Blades, 18" Front, 17" Rear. (T3321)
IH 710, 6F, 16" Auto Reset Plow, Semi-Mount. (T3244)
Landoll 7 Shank Slicer Chisel. (T3504)
IH 370 12' Transport Disc (T4208)
Krause 2410 19' Transport Disc, Hyd. Wing Fold (T4258)
Brady 1800 Chisel Plow, 22 Shank, Flex Wing, Good Condition (T3992)
Oliver 252 Disc 11'6" Tranport (T4226)
Brillion 8' Packer 14" Wheels (T4325)
JD AW Disc 10' Transport 8½ " Spacing (T4146)

USED MISCELLANEOUS

AC 600 6 Row Planter, Dry Fertilizer, No-Til. (V9376)
Deere 8350 Drill, 18x7, Single Disc, Fertilizer. (V3395)
Century 500 gal. Sprayer, Boom, Centrifugal Pump (V3361)
Chevy Truck w/Sprayer & Boom (V3551)
(2) NH 256 9' Hay Rake Rubber Mtd. Teeth (U4261, U4262)
John Blue 300 Gal. Sprayer 30' Boom (V4123)
New Idea 323 Corn Picker, 1 Row (U4166)
IH 510 Drill, 21x7 D.D. Openers, Grass Seed Att. (V4178)
NH 489 Haybine 9' Mower-Conditioner (U4264)
Deere 336 Baler w/Wagon Hitch & Bale Chute (U4263)
Fox Model 656 Blower (U4281)
IH 400 Planter, 6 RN, Liquid Fertilizer (V4341)
IH 800 Planter, 6R, Liquid Fertilizer, Monitor (V4342)

USED COMBINES

IH 1460 Axial Flow, Hydro, Cab w/Air, 28Lx26 & 11.00x16, (Recond.) (U3539)
IH 715 Diesel Gear, Cab, 23.1x26, 1547 Hrs. (U2798)
IH 1480 Axial Flow, Hydro, Cab, w/Air 30.5Lx32 & 18.4x16.1 (U3698)
IH 1460 Axial Flow, Hydro, Cab w/Air 30.5Lx32 & 18.4x16.1 (U3076)
NH TR85 Hydro, Cab w/Air, 28Lx26 & 12.4x24 (U3664)
IH 1480 Axial Flow, Hydro, Cab w/Air, 30.5Lx32 & 18.4x16.1 (U4045)
IH 1460 Combine, Diesel, Hydro, AC (U4138)

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Balers
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JD 375

Rakes
JD 672

Mower Conditioners
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JD 1460
JD 1360

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JD 1008
JD 709

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JD 265

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JD 660 Spreader
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JD 343 Head
JD 2RN New Style Corn Head
(3) JD 336 Balers
(2) JD 3960 Harvester
(1) JD 1209 Mower Conditioner
JD 716A Forage Wagon
JD 443 Head
JD 430 Round Baler

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JD 2240 MFWD
Ford 5,000 Ploughmaster
4240 w/SG & PFWA

(2) JD 3960 Harvester
(1) JD 1209 Mower Conditioner
JD 716A Forage Wagon
JD 443 Head
JD 430 Round Baler

NEW HOLLAND
NEW
Baler
NH 853
NH 848
NH 316
NH 326

Haybines
NH 489
NH 495
NH 499
NH 411

Spreaders
NH 680
NH 791

Rakes
NH 256
NH 258
NH 258H

Forage Wagon
NH 716

Forage Harvester
NH 790

Skid Loader
NH L 785

Rake/Tedder
NH 254

USED
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NH 2R Snapper Head for Fg Harv.
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NH 880 w/2RN
NH 469 Haybine
NH 495 Haybine
NH 890 Harvester w/Heads
NH 499 Haybine
NH 1495 Hydrostatic
NH 1495 Hydrostatic, Low Hours
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NH 1010 Auto Bale Wagon

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JD 7700

BOBCAT
NEW
Bobcat 642 B
542 B
843

CORN PLANTERS
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White 5400 4R Dry Fert., Monitor
IH 3PT 4RN Liq. Planter

OTHER EQUIPMENT
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Gehl 2RN Corn Head
MF 925 Mower Conditioner
(2) Hesston 1090 Mower Conditioner
Fox 2000 Harvester w/Heads
V15 75 Martin Spreader
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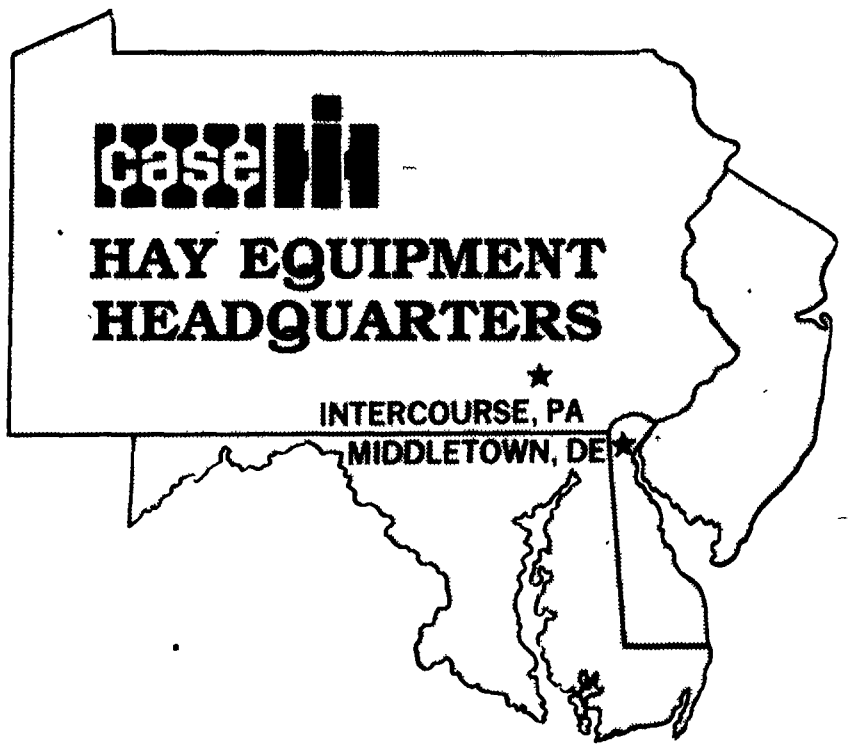

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8530 With Thrower
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You Must Try This 14"x18" Baler To Believe The Way It Bales, The Quality Of The Hay And The Way It Performs In All Crop Conditions.

Round Balers

For Any Operation -

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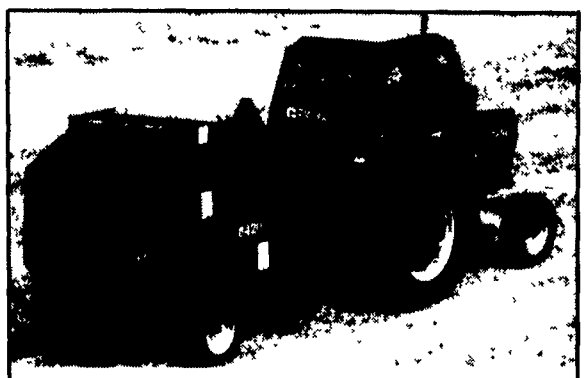

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Up To 2200 Lbs.

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Center-Line Design The Same As The Small Balers Makes This Productive Machine Easy To Operate, Too.

Self-Propelled Windrowers

- 3.9 L Diesel Engine At 75 Horsepower
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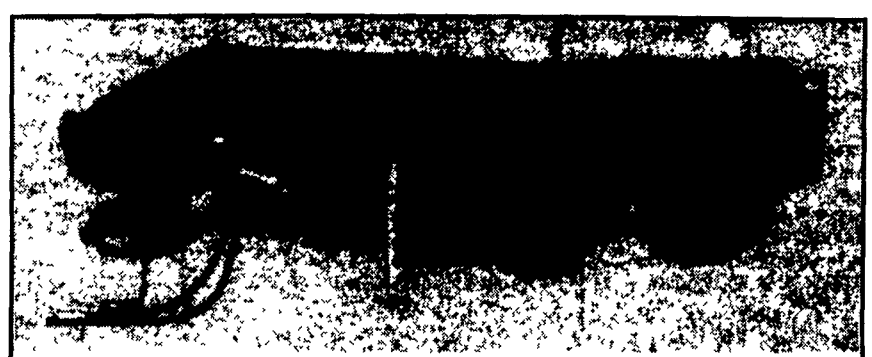
- 1690 Stroke Per Minute Sickle Drive For Faster Cutting
- 12' Double Auger Header For Smoother Feeding

8830 With 12' Header
In Stock For Immediate Delivery

Pull-Type Mower Conditoners



8830 - 9' Machine
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- "Ticor" Rolls For Aggressive Conditioning

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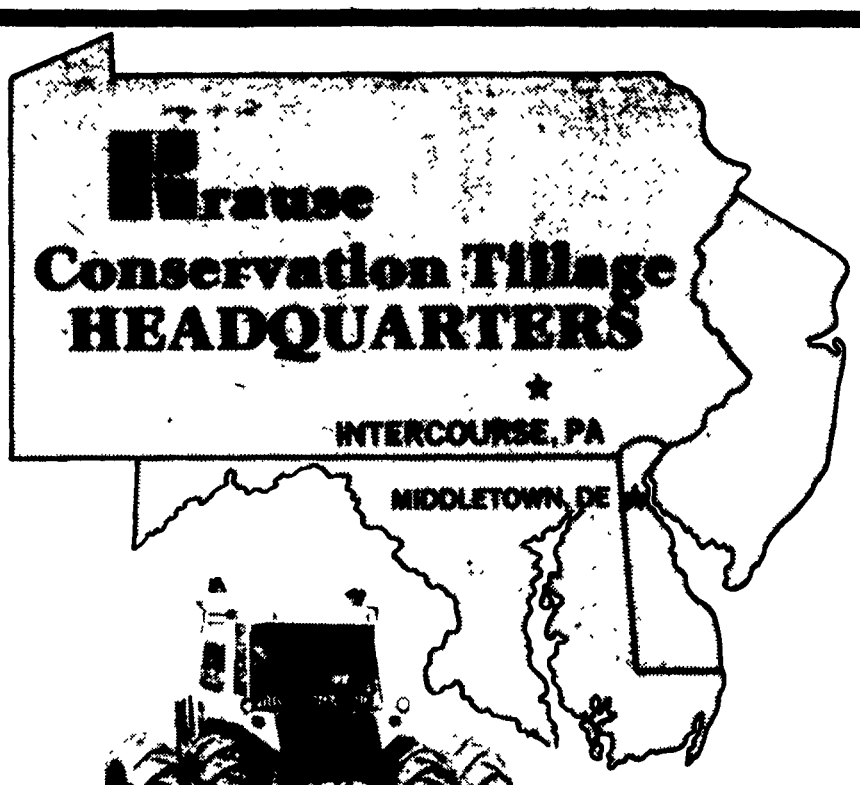

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Krause "Rockflex" Discs Are Built Tough To Work Hard And Last Long In The Rocks, So You Don't Have To Work Hard And Long Fixing Up What The Rocks Busted Up. Do Yourself A Favor — INVEST IN KRAUSE!

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MADE WITH SQUARE STEEL TUBING

Check These Features Against Any Other Bale Wagon — You'll Find Ours Is The Best!

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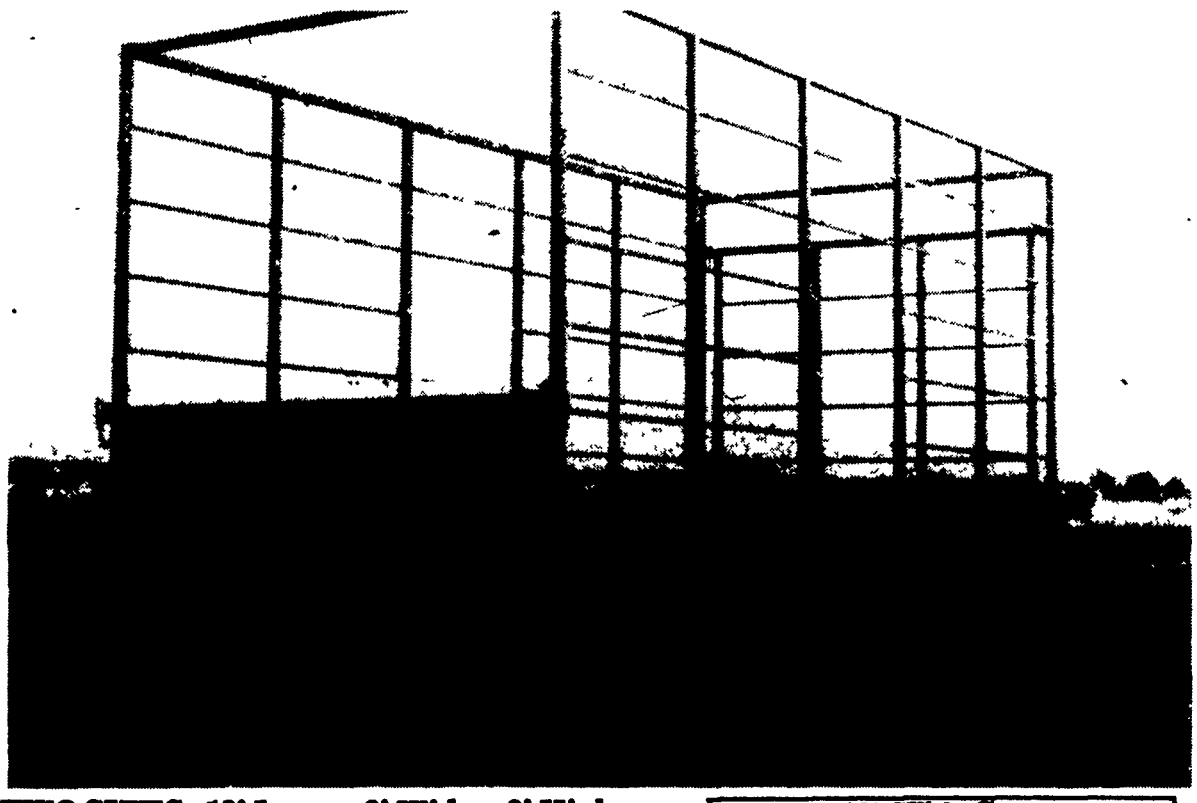

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18' With Gear
SPECIAL PRICE - $1,795

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1 - Super C Farmall Tractor
1 - 489 NH Haybine
1 - 1495 NH Haybine w/Planetary Drive
1 - 488 NH Haybine
1 - 1090 Hesston Haybine
1 - 495 NH Haybine
1 - AC 303 Baler
1 - 225 IH Hay Swather
1 - 273 NH Hayliner
2 - 270 NH Hayliner
1 - 68 NH Baler
1 - 37 IH Baler
1 - 430 IH Baler
1 - 782 NH Harvester
1 - 679 NH Manure Spreader
1 - 351 NH Grinder Mixer
1 - 353 NH Grinder Mixer
1 - 354 NH Grinder Mixer
1 - 731 Clark Bobcat Skid Loader w/Deutz Engine
1 - 45 JD Combine
1 - IH Flail Chopper
1 - 679 NH Manure Spreader
1 - MF 33 Grain drill
1 - 29 Ft. NH Bale & Grain Elevator
1 - Badger Forage Wagon (Tandem)
1 - New Idea Uni Tractor w/o Attachments
1 - 2 Bottom JD Plow
New - Zimmerman Portable 48" Fan w/1 HP Motor $745.00
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1 - New Zimmerman 36' Bale & Grain Elevator w/62 Chain
1 - New Kreider Hay Bale Box on 8 Ton Running Gear

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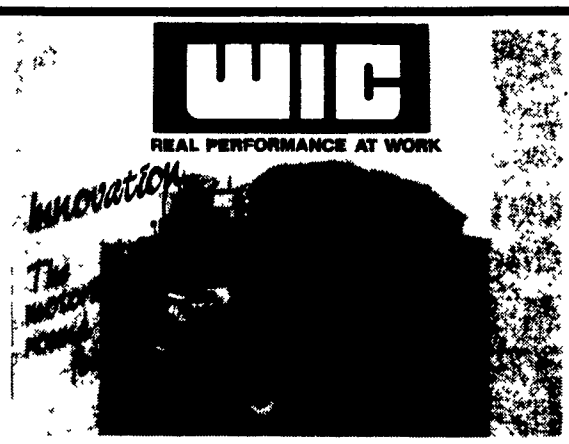

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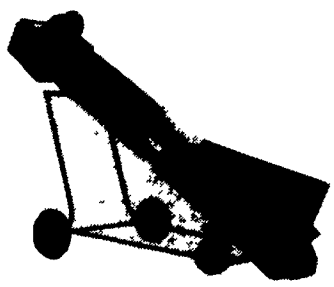

- Horizontal or inclined
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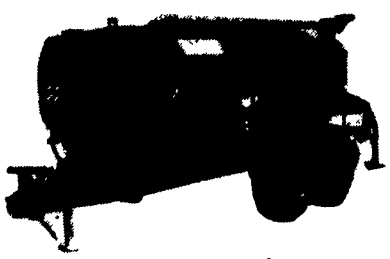
- Available wheel system for easy handling
- Supported by adjustable legs
- Hopper for inclined or horizontal conveyor



Wic low profile allows excellent rear visibility for better control. Because Wic load at the rear & unload from the front, the need for inside agitation is eliminated in most operations.

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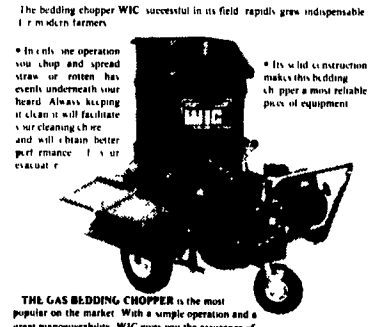
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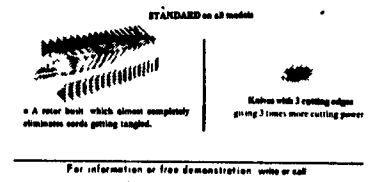
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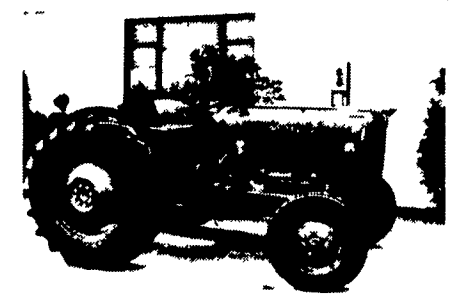

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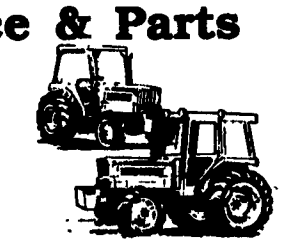

USED TRACTORS:

AC: 190XT; 8030; 7040, power shift; 6080; 6060, 2& 4 wd; 5050, 4 WD w/front end ldr.; 5040 w/ldr.; 185; 180 diesel w/cab; 170.
DEUTZ: 6806 w/cab, low hours; 5206; 4006 w/loader.
FORD: 7700; 7600, high clearance; 6600, 4WD; 5000; 4000; 3600; 3000 w/ldr.; 2110; 2000; 641 w/3 pth. forklift; 545 w/cab; 515 w/hydraulic drive, side mount rotary mower very clean, low hours; 8N.
IHC: 2500, SERIES B, 3-PT. tractor/loader; 2400 w/front-end loader; 656 diesel hydro; 544 diesel; 230 wide front end; 140 w/highway mower; CUB LOWBOY and Super A w/Mott hammerknife mowers; SUPER H; AV w/cultivator; SUPER MTA; CUBS.
JD: 4030; 401, industrial w/hyd. highway mower. **KUBOTA:** 4950; 2550: w/front end ldr.; 2550 T/L/B.
MASSEY: 275; 175; 135; 35. **SAME:** 85.

PLOWS AND TILLAGE:

NEW: Brillion 5', 8', 10' cultipacker/seeders in stock.
USED BRILLION: 8' & 10' cultipacker/seeders. USED: JD 2600 Semi Mount 4 bottom variable width land plow. BRILLION: 10' cultimulcher.
RESET PLOWS: 3 point hitch & 3 bottom: JD, FORD, IHC and KVERNELANDS.
SEMI-MOUNT RESET PLOWS: IHC: 710, 3X and 6X. 700: 4X. AC: 4X and 5X. KVERNELANDS: 4X. **USED TRANSPORT DISCS;** (8', 10', 12', 14' & 16'). **CHISEL PLOWS:** 7-14 shank, 3 point and trailer. **HOWARD:** HE 5' heavy duty 3 pth rototiller; **DANISH:** 3 pth., 4-row, cultivator w/cole side dresser.

HAY & FORAGE:

USED: NH: 316 baler like new; 850 round baler; JD #30 hydraulic bale thrower attachment. **MOWER/CONDITIONER:** NH: 489; 479; 477. HESSTON: 6600 diesel, self-propelled-reconditioned; 1091; 1071; 1050 discbine; PT 7; PT 10; 1090; NI: 270; 279 cut/ditioners. NH: 3-pt. sickle bar mowers; **TEDDERS: Fahr & Kuhn:** 4-star centipedes. BALERS w/Throwers. DA: 490. JD: 346; 327. NH 310. **Flail Choppers:** JD: 16A. NH 38, like new. **Assorted Forage Boxes, Short Hopper Forage Blowers & Windrow pickup heads. Call for your needs.**

PLANTERS:

NEW: AC: 6-ROW, NO-TILL, @ discount price. USED: AC: 4-row, no-till. FORD, AC, JD: 3 pt., 2-row.

MANURE EQUIPMENT:

NEW: FOR IMMEDIATE DELIVERY: Hedlund Martin: liquid tanks & manure pumps. 4 sizes SCAVENGER spreaders. NH: 304, sidekick. BOX SPREADERS: NI 243; 214; 212; 14A ground drive. NH: 328; 329. H&S: 125. IHC: 155. TANK SPREADERS: NH: 145 bushel right hand. Hawk: 207. Starline tandem axle right hand or left hand. LIQUID SPREADERS Feed-Ez; tandem. NI: 1500 gal. vacuum. Hedlund Martin: V1575. VanDale: 2200 gallon. Clay: 1000 gallon. SFM tandem spreader 3000 gallon. Hedlund Equalizer manure loader. USED: Badger and Hedlund Martin Lagoon Pumps.

MISCELLANEOUS MACHINERY:

NEW: Asplundh brush chipper, demonstrator.
NEW: WIC Equipment In Stock: Silage carts & bale mulchers.
USED: Small hammermill. Danuser heavy duty 3 pth post hole digger. Bobcat Tools for skid steer mounting: 907 backhoe, hyd. drive trencher and post hole auger. Veil: Rock Bucket. Westgo hyd. rock picker. NEW & USED: York 3 pt. rakes, gang mowers, Bush Hog and Woods 3½ , 4, 5, 6, 7 and 20' widths.
NEW: NI: 325 2-row Corn Picker (narrow row) w/12 roll husking bed or super sheller. USED: MASSEY FERGUSON: Reconditioned Stalk Shredder, 15' width. **GENERAC:** 40,000 watt, continuous duty portable generator. **HOWARD:** Heavy duty 5', 3-point rototillers. Steiners: 40' silage conveyor. **SPRAYERS:** MEYERS: 500 gal., PTO trailer. **ROTARY MOWERS: WOODS:** C80, Trailer. **SERVES:** 10' Trailer. **15 Miscellaneous Front End Loaders For Various Make & Model Tractors. Rear Scraper Blades- 3 Pt.- Hitch, Fast-Hitch And AC Snap-Couplers. MOTT: Flail Mowers, 3 PTH, 5' & 6'; HEAVY DUTY:** 6'-3 PT.

INDUSTRIAL EQUIPMENT:

NEW: Asplundh Chippers in stock. Tag-a-Long trailers: 4, 5, 9, 18, 20-ton, 35-ton detachable. **USED: TAG-A-LONG TRAILERS:** 3-axle, 9-ton; tandem 12-ton **DOZERS WITH 6-WAY BLADES. AC:** HD-3. FIAT ALLIS: FD-7. JD: 450C. CASE: 350. TD 15-B straight blade, w/tilt cylinder, completely reconditioned...ready for work. **CRAWLER/LDRS:** Used: CASE: 450B; 450 w/4 in 1 bucket. JD: 350. **SKID-STEER LDRS:** NH: 250, like new. L445 diesel. JD: 125. **PAYLDRS:** AC: 640; 840, 1½ yd., articulating. Also: 1.7 yd articulated new. **TRACTOR/LDR/BACKHOES:** AC: 715-C; 615. KUBOTA: L3350, 4wd, low hours. Also: 15' T/L/B. New. **FORKLIFTS:** NEW: INGERSOLL-RAND: 22', 6000 & 8000, w/capacity. **AC:** 706, rough terrain, heavy duty, 14' mast. 600: 21' mast. **RAYGO:** 2-ton vibratory roller.

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- 20150 **Woods 0210 Brushcutter** 10' Pull Type, Offset, w/Cylinder & Hoses, Good Condition **$2,195**
- 19977 **Howse Brushcutter** (5', Like New, Used SOLD on) **$445**
- 19387 **Woods 4' Brushcutter** M-4 ..... **$750**
- 19695 **Kubota B-2750 Front Blade** **$290**
- 19554 **New Idea 323 Cornpicker** 1 Row, Good Condition **$2,100**
- 19528 **New Idea Cornpicker 323,** 1 Row, Good Condition **$2,100**
- 20152 **Ford 309 Cornplanter** 3 Pt. Fiberglass, Fertilizer Hopper, Extra Planter Rings, Works Good **$350**
- 17871 **Suzuki GS-550 Cycle** Good C SOLD **$495**
- 19984 **Kubota B-310 Cultivator** (1 Row SOLD Hitch) **$95**
- 19943 **Dunham Lehr Disc** (10 ft., Transport Type, Hyd. Cyl.) **$2,195**
- 14414 **Gehl CB-600 Harvester** With Pick-Up, 2-Row Crop, & Narrow Head **$1,995**
- 19119 **Kubota B-1630 Loader** (w/54" Bucket, Fits B-62/B-7200 HSD) **$1,390**
- 20159 **Ford 907 Flail Mower** 7' good condition **$685**
- Coming In...**Kubota F2000 Commercial Front Mower** 20 HP, Diesel, Hydro, 4 WD, PS, 60" Mower, 60" Rotary Broom
- 14199 **Kubota MR-6000 Mower** Will Fit B-6100, B-7100 Tractors, Hydro 5' **$590**
- 19011 **T-38 Mott Tow Type 38" Flail Mower** w/8 HP Engine **$750**
- 19901 **Kubota MR-4800 Mower** (48" Mid Mount, Fits B-61/B-7100 HST) **$375**
- 20094 **Kubota B-48 A Mower** (Mid-Mount, w/Frt. PTO Clutch, Fits B-6100/B-7100) **$245**
- 18950 **Kubota 3660 Flail Mower,** 5' 3 Pt. Hitch **$750**
- 20149 **Dearborn Sicklebar Mower** 6' **$165**
- 19844 **John Deere Sicklebar Mower** 6' Semi-mounted **$175**
- 19982 **Woods RM-48 Mower** (4' Cut, 3 Pt. SOLD **$690**
- 19843 **Woods RM-59 Mower** 5' Cut, 3 Pt. Hitch **$750**
- 20098 **Hustler 295 Mower** (Commercial Built, Water-Cooled Gas, 72" "3 Way" Mower) **$3,975**
- 19853 **Mott 6' Flail Mower** 3 Pt. Hitch **$775**
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- 19986 **Arps 70 Snowblower** (70" H.D., 2 Stage, 3 Pt. Hyd. Chute Rotation) **$1,350**
- 19210 **Kubota 4' Snowblower** Heavy Duty B222-A, Fits B7100 2 Stage **$475**
- 16222 **Kubota B-2510 Snowblower** (38", will Fit B-5100, B-4200) **$425**
- 17847 **Kubota B-748 Snowblower** (48", will Fit B-6100, B-7100) **$250**
- 17840 **Kubota G-2500 L&G Snowblower** 38", Will Fit G-Series **$625**
- 19065 **Mighty Mac 50 Gal. Sprayer** P550T **$695**
- 19012 **Turf 36" Lawn Sweeper** **$395**
- 19983 **Kubota B-422 Tiller** (42" Width, 3 P SOLD **$725**
- 20157 **John Deere 318 Tractor** 18 HP, Hydro, PS, Hyd. Lift, 486 Hours, 50" Mower **$3,585**
- 20146 **Ford 4000 Tractor** 4 Cyl., Gas, 505, 47 HP, PS, Single Spool Remotes, Runs Good **$3,480**
- 20158 **Ford 4000 LCG Tractor** 3 Cyl., Gas, 8 Speed, 52 HP, PS, Double Spool Remotes, Solid Tractor **$3,975**
- 20148 **Ford 8N Tractor** 25 HP, 3 Pt. PTO
- 20147 **Ford 8N Tractor** 25 HP, 3 Pt. PTO
- 20153 **Kubota B-5100E Tractor** 12 HP Diesel, 3 Pt., PTO w/Woods 4' Mower, Nice Shape! **$3,775**
- 20154 **Ford 85 Lawn Tractor** 8 HP, Hydro, 34" Mower, "Mechanics Special" **$175**
- 20155 **Kubota B-7100 HSE Tractor** 16 HP, Hydro, 1039 Hrs. Diesel, 3 Pt. PTO, w/MR-6000 5' Mower "Mechanics Special" **$3,265**
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- 19354 **Kubota M-4950 DT Tractor,** 47 PTO HP, 4WD, 1360 Hrs. **$12,790**
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- 20091 **Kubota B-6100 DT Tractor** (14 HP SOLD Diesel, 4 WD, B-48 A Mower & B-748 A Snowblower) **$4,450**
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- 19980 **Kubota B-6100 HSE Tractor** 2 WD, 14 HP, Hydro w/4 Ft. Belly Mower **$4,850**
- 20095 **Gravely 810 Tractor** (10 HP, 50" Mower, Frt. Blade, Runs Good!) **$945**
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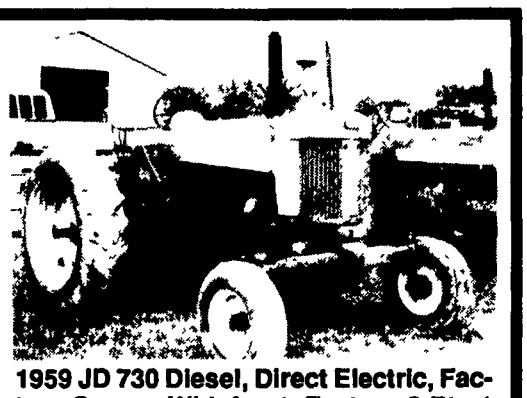

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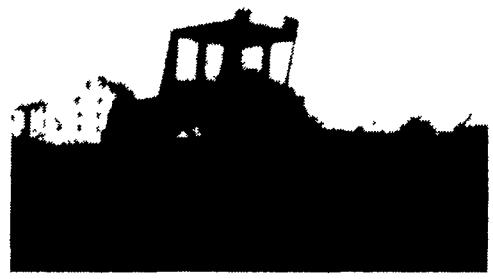

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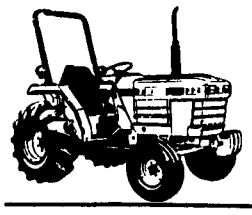
NH 352 Grinder Mixer
JD 4B Semi Mount Plow
Ford 5000 Gas, 8-Spd.
Ford 4000 Gas, 8-Spd.
Ford 530 Baler w/Thrower
Ford 532 Baler w/Shoot
NI 12A PTO Manure Spreader
Mohawk 13' Rotary Cutter
McConnell 20' Cart Harrow
Woods Model 214 Rotary Cutter
(1) NH 258 Rakes
Int. 400 Cyclone 6R Planter
Ford 3000 Diesel
Oliver 1855 w/Loader
JD 2010 Track Loader
Ford TW15 4 WD, Excel.
Ford 7710 4WD, Excel.
NH 311 Baler w/70 Hydr. Thrower, Excel. Shape
Massey Harris 82 Combine
JD 630 WF Tractor
Oliver 1755 w/Cab
Oliver 70 Tractor
JD 450C Dozer
White 270
Ford 8N
Ford 1310 Loader/Backhoe
Ford 7710 w/Cab
NH 275 Baler
NH 310 Baler
NH 461 Haybine
NH 717 Harvester w/2R Cornhead

NEW SPECIALS:
Ford Mod. 1210 Hydro, 2WD Tractor **Only $5,995 Cash**



15 NEW FORD 1000 SERIES TRACTORS IN STOCK
2 WD, 4WD, Ag Tires, Turf Tires, Loaders and Other Attachments Available.

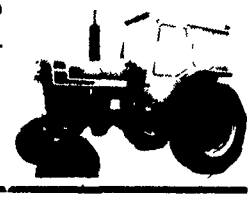
Note
Public Sale
Lawn Mower
Inventory Reduction
June 14 at 5 P.M.

We Ship Parts UPS Daily

CHARLES S. SNYDER INC.
RD3 Tamaqua, PA 18252
Phone: 717-386-5945

Leaman Tractor Parts

P.O. Box 250
Willow Street, PA 17584
(Lancaster Co.) 717-464-2874
(Turn Left on Breneman Rd. from 222 S at Refton)



TORQUE AMPLIFIERS & CLUTCHES

Over the past 8 years, we have sold thousands of T.A.'s to satisfied customers across the U.S. Some of our best customers are I.H. Dealers.

We do complete job or center housing while you wait or will sell you the parts.

Our prices on T.A.'s with the Dana Sprag, are now $645.00 with a 2 year warranty.

We also have units and parts available to rebuild old style T.A.'s, including Ramp & carrier sets for $300.00

Clutches, Pressure Plates PTO Drives & Water Pumps

We have clutches available for most all IH tractors; including many heavier than original. We also have clutches for many other brands.

- Compare Our Prices -

All clutches & T.A.'s will ship U.P.S. and are sold on an exchange basis. Core charges Apply.

QUALITY USED PARTS

We specialize in IH tractors but we also have Case, Oliver, White and Massey tractors in our inventory.

Recent Additions To Parts:
IH 806-D, 684, 664, 544, 504-D
IH 404-WFE 986, 884, 826
IH 1066 w/Cab
IH 1066, IH 340, IH 986

USED TRACTORS

IH 5288 Western Cab, low hours, 20x38 tires, absolutely like new
IH 5088 cab & air, low hrs., real nice condition
1975 IH 1066 cab & air excellent 18x38 tires, very good condition
IH 886 ROPS, 13[illegible] orig. hrs., 18x34 tires, dual PTO, hyd., very nice SOLD
JD 720 Diesel pony start, 3 pt, good cond.
Farmall 460 gas w/wide front end available
IH 706 w/German Diesel Engine, Nice Condition
IH 1256 cab wide fr. end, real good cond.
1977 IH 986 ROPS, 18x38 tires, 3500 hrs., nice condition, rebuilt clutch & TA
IH 686-D, WFE, 3 pt. German Engine, good cond.
Model 31 Westendorf loader, fits IH tractors
JD Model 46A Loader
Farmall 350 Gas w/3 pt. hitch
Case 1030, tractor w/cab, good cond.
IH 826, w/cab, WFE, 3100 hrs., excellent cond. w/rebuilt TA
IH 856, WFE, 3 pt., good solid tractor
IH SMTA, P/S, Original tires w/80% tread, very excellent original condition
IH 966, C/A, 1975 model, good condition
IH 186 hydro, C/A, low hours, good condition

Available But Not On Our Lot

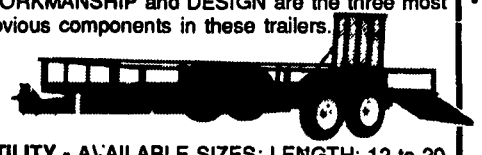
1984 JD 4850 MFD, 18x42 tires w/duals, 2500 hrs., excellent condition, $53,500
1981 JD 8640, 3 pt. PTO, 3 hyd. valves, 20x38 tires & duals, 3100 orig. hours, exc. cond. $37,000
IH 5488 MFD, new tires, fully weighted, very nice condition
JD 5820 chopper, 4 WD, 4 row narrow, 7½ ft. hay pickup, 1500 hrs.

Car Dollie

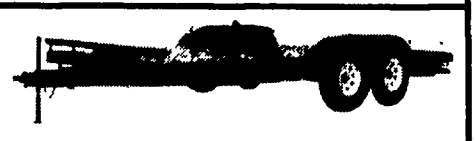
4'x8' Utility Trailers 1500 lb. G.V.W. 8" Tires

UTILITY (Tilt Model) - These trailers' standard features include, 15" White Spoked Wheels, New tires, 2" coupler, and safety chains. AVAILABLE SIZES. LENGTH: 8 to 12 feet, WIDTH: 60 to 76 inches, GVW: 3,500 lbs.

Largest manufacturer of a complete line of trailers, utility, construction, and goosenecks QUALITY, WORKMANSHIP and DESIGN are the three most obvious components in these trailers.



UTILITY - AVAILABLE SIZES: LENGTH: 12 to 20 feet
WIDTH. 76 to 81 inches, GVW: 7,000-12,000 lbs, TIRES: 700-15 LT



FLAT BED 2-5/16" coupler, and self storing 80" long ramps. AVAILABLE SIZES: LENGTH 14 to 18 feet, WIDTH: 76 to 81 inches, GVW: 8,000 lbs., TIRES: 700-15 LT

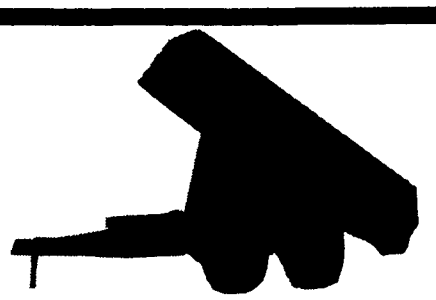
NEW 3 PT. INTERNATIONAL MACHINERY

- 1 & 2 Bottom Plows
- Discs 4' - 8'
- Blades 5'-8'
- Box Blades 4'-8'
- Stone Rakes 4½ '-8'
- Post Hole Diggers
- 1 Row Cultivators
- Dirt Scoops
- Boom Poles
- Rear Carriers
- Chipper-Mulcher
- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
- Rotary Mowers 3'-7'
- 4'-6' Finish Mowers
- Bale Carriers
- Sickle Mowers
- Rototillers
- Log Splitters
- Truck Beds - 7' to 12'

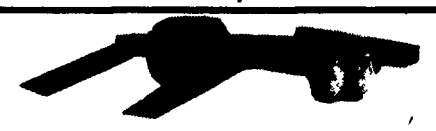
Over 200 Trailers In Stock Starting At $495.00

50 Different Models Available

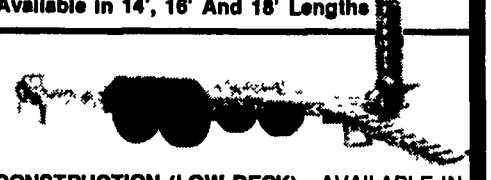
DEALERS WANTED
Financing Available



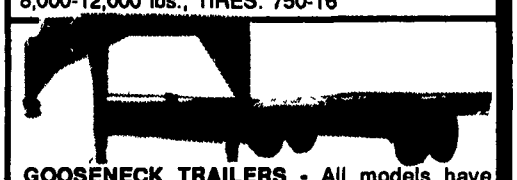
Box Dump



Car Haulers, Open Center, 7,000 lb. G.V.W. Available in 14', 16' And 18' Lengths



CONSTRUCTION (LOW DECK) - AVAILABLE IN DROP-AXLE, AVAILABLE SIZES: 6'4" WIDE x 16' LONG & 81" WIDE x 18' LONG, GVW: 8,000-12,000 lbs., TIRES: 750-16



GOOSENECK, TRAILERS - All models have adjustable top crank couplers welded to heavy duty 8" channel frames. Top decks are standard on Deck-Over models. AVAILABLE SIZES: LENGTH: 18 to 28 feet, GVW: 12,000-20,000 lbs., WIDTH: 76 to 96 inches, TIRES: 750-16 LT, E235X16 R

CONSTRUCTION (DECK-OVER) - All sizes have 4-foot dovetail and heavy duty 56" long attached ramps, four position pintle hook, stake pockets, rubrail and drop-leg jack. AVAILABLE SIZES: LENGTH: 18 to 24 feet, WIDTH: 8 feet, GVW: 12,000-20,000 lbs., Eight (8) lug brake axles with 750-16 tires.

KUTZ FARM EQUIPMENT, INC.

Pine Grove, PA (717) 345-4882

STITZEL FARM EQUIPMENT, INC.

East Windsor St. & Krick Lane — Hamburg, PA 19526

Phone Bus. 215-562-8377 — Home 215-562-5740

COMBINES w/Good Selection Of Heads: We have 16 late model, very nice, local, one-owner combines.

1981 NH TR85, 4WD, V8, Hydro, full equipment.

M.F. (82) 850 4 WD Hydro w/16' Flex + 1163 C.H., 900 hrs., real nice, $45,500.

JD 8820 4WD, Full Equip. w/220 Flex, 843 Corn.

JD 7720 and 6620 available with 4WD.

JD '81 Model, 6620 LL, w/215 flex, real nice.

JD '81 Model 6620 LL w/216 Flex, very nice.

1976 JD 7700, real nice.

JD 6620 LL, 1 owner, nice, $27,500 $25,500.

JD (81) 4420 C.A., Real Nice, 1100 Hrs.

JD (77) 6600 Side Hill, Good Cond.

(75) 6600 D. Rotary Screen good.

JD 3300 gas Rotary Screen w/10' Grain

JD 3300 Gas w/10' Grain.

1977 JD 4400 D., C.A. w/23x26 tires, $11,500.

MF (84) 550 Cab, Air, Hydro w/13' Flex & 1143 C.H.

MF 550 D., C.A., low hrs.

MF (76) 750 Cab, Air, Hydro

White 8800 D, CA, w/13' Grain and 704 w/Corn

Gleaner F2 D, C.A. w/13' Grain & 438 Corn, Nice.

Gleaner F2 D C.A. w/13' Grain.

(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.

IH D 915 C.A. Hydro w/863 & 810 Grain.

IH (77) 715 D. C.A. w/810 Grain & 844 Corn Heads; IH 715 Gas, C.A. w/810 13' Grain; NH TR70 C.A. Hydro w/Cat Dsl.

IH 715 Gas w/Cab & 810 grain for $4,850; MF 300 Gas w/Cab & 2 QT Heads, good condition; IH 80 & 82 Pull Combine; ('75) 510 D. Hydro w/Cab; N.H. TR70 C.A. Hydro; Gleaner (76) FD. w/C.A.-Nice; IH 105 w/ Cab & 10' Grain, nice; IH 205 Combine w/Cab & 10' Grain.

NI 709 Uni, CA, Hydro, 4WD; N.I. 702 & 705 Uni-Systems w/Full Eq.; NI 702 Uni w/727 Bed, 729A Sheller & C.H.; NI 702 D. w/727 bed & 3R C.H.; NI 701 Uni w/727 Husker and 3RN Cornhead; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House.

CORNHEADS: JD 843 LP, 443 LP, 643 LP, 643, 444 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 454 Row Crop Head; JD 853 A Row Crop.

I.H. 863; 844; 843; 833; 744; 327, 3R; 227.

A.C. GL 440, C440, A438 Black, A630 Black, L2, M430, Gleaner C430 C.H., F335.

M.F. 1163, 1144, 1143, 63, 44, 43, 24, 222, 422.

N.I. 846 N 6R C.H.; 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404); NH 962 4RW, 4RN, 6RN Corn Head.

NH 962 N3 & 962 W4; NH 924, 4RW; White 706N; Oliver White 4N; White 703.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid.

I.H. 810-13' Thru 17.5' w/ Reg. or Floating.

M.F. 10'-16' Reg. or Floating Bar; A.C. E10'.

N.I. 713 Flex Or Rigid.

NH 972, 20' Flex; NH 960, 13'; E 10' Grain Head.

TRACTORS:

1985 JD 4[SOLD] C.A.P.S., MFWD, 280 Ldr.; JD 4450 C.A.P.S., MFWD, Like New; JD 4450 ROPS, PS, MFWD, 500 Hrs., Like New; JD 4250 CAPS, MFWD; JD 4050 C.A.Q.R., 900 Hrs., Like New; JD 2950 MFWD, C.A., Real Nice; JD 2950 MFWD w/Rollguard; JD 2350 MFWD w/175 Ldr.; JD 4840 CAPS, 18x42, 600 Hrs., One Owner; JD 4840's C.A. P.S. Duals & Quick Hitch; 4640 C.A.P.S.; 4440; JD 4440, C.A.Q.R., 20.8x38 Radials; JD 4440 C.A.Q.R.; JD 4440 C.A.Q.R.; (82) JD 4240 C.A. QR; JD 4040 Fender QR 18x38; JD 4040 P.S., ROPS; JD 2940 MFWD, real nice; JD 2940 w/Hi Lo, 2 Post R/G, $12,500; JD 2840 w/Roll Guard, Nice; JD (82) 2440 Full Eq., w/146 Ldr. & Grapple; JD 2440 w/Yr. Round Cab; JD 2040; 2940 w/R.G.; 4630 SR w/ Cab & Air; JD 4430 C.A., QR, Originals; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4430, QR, cab front wheel assist; 4430 ROPS, Syncro Range; JD 4030 w/Cab, Q.R.; JD 4030 w/creeper trans.; 1530 w/Hi-Lo; JD 4520 R.G. & cooler w/30.5x32 tires; JD (6) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; '72 JD 4020, PS; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; JD (72) 3020 Tricycle Dsl.; JD 3020 D, PS, 2 Valves; JD 3020 Dsl., WF; JD 3020 D Tricycle; JD 3020 D, WFE; 2520 Dsl.; JD 3020 G.; JD 4010 D, WF Nice; JD 4010 D. Tricycle, Real Good; JD 4010 Dsl., WFE; (2) JD 3010 D WF; JD 3010 D., Tricycle; JD 2510 Dsl.; JD 720 D., Tricycle; JD 530, As Is.

IH 5288 CA w/20.88- 38 Duals; 3288 CA; IH 1086 CA w/Dual Whls., original; 1586 w/R.G.; 1086 C.A.; IH 986 C.A. Duals; IH 986 C.A.; 886 w/R.G.; F686 Original; F686, Good; F 1066 w/Cab; 1066 w/Roll Guard Original; IH 1066 Cab; 1568 C.A.; 1566 w/ Cab; 1466 w/Cab; IH 966 C.A.; 966 Original; F966 WFE, 3 Pt., New TA & 38" Rubber; F766 w/Factory Cab; IH 684 Row Crop Utility; IH 584; 574 D. w/ Loader; IH 544 Utility Gas, Nice; Farmall 544 Gas, WF, 3 pt.; IH 444 U. Gas w/IH 1501 Loader; F1456 Fender w/Duals; 1256 w/Cab, Nice; F756 Dsl. WF 3PT 18x38, Real Nice; 756 G Hi-Clear; 656 Diesel; 1206, Nice; 706 D. - W.F.E. - 3 pt. - $5,000; F560 D., WF, FH; F560 Gas, WF, Nice; F560 D w/ Fast Hitch; F 460 Gas, WF, FH; IH 460 U. Gas, FH, PS & Shuttle; Farmall 400 w/Fast Hitch And Snow Plow; Farmall 340; Farmall 300 Tricycle w/PS & FH; Farmall 200; Farmall M, Tractors; Farmall H w/Loader; Super A w/ Sickle Mower, Plow & Cultivator; Farmall Super A w/Wagner Hyd. Loader w/Plow; Farmall Super AV.

New AC 8050 C.A., P.S., rad. tires, fully eq.

A.C. New AC 6080; Used AC 6080 w/ROPS; AC 8010 C.A. 20 SP MFWD w/ Westendorf 64 Ldr.; AC 7080 CA 20.8x38 Duals; AC 7040 CAPS w/AC 470 Ldr.; 7040 C.A.P.S.; AC 7000 CAPS; AC 200; AC 200 D original; AC 220, real nice; AC 190 Dsl.; AC 185 [SOLD]inal; AC D17 Series 4 Gas, WF w/ Loader; AC D17 Series IV D. 3 Pt., WFE; AC WD 45.

Deu[SOLD]6 w/Cab; Deutz 13006 w/Cab.

CASE IH 3294 CA MFWD, Radials, Real Nice; Case 4690 C.A., P.S. 4WD, Full Equipment; Case 2590, CA, PS, 1600 hours; Case 2390 CAPS, Duals; 2090 CAPS, $14,800; Case 1690 C.A., MFWD; Case 1390; Case 970; 930D, WF 3 pt.; Case 930 Standard Dsl.; Case 995 Dsl. w/Ldr.; Case- 995 w/ Cab.

MF 2705 C.A., 24SP.; MF 2705, C.A., 8SP.; MF 1085; MF 165 U. Gas; MF 165D w/Freeman Ldr.; MF 1130; MF 65 D; MF 65 Dsl., PS, w/Front Blade, Real Nice.

FORD TW10 DP & 20.8x38 Tires; Ford 7600 w/ROPS & Dual Power; Ford 6700 w/Dual Power & Ldr.; Ford 5000 dsl., WFE, 8SP, Original; Ford 4000 Dsl., original paint; Ford 4000 Gas; Ford 3000 w/PS w/Ford 772 Ldr.; Ford 851 w/Loader; Ford 600; Ford 8N w/Side Mtd. Mower; Ford 8N w/Tiller (As Is).

WHITE 2-155 CA Real Nice; WHITE 2-135 Series 3, C.A., MFWD; WHITE 2-150 C.A.; WHITE 2-60 ROPS w/1510 Ldr.; WHITE 2-70, ROPS, as is.

OLIVER 1955 Original; Oliver 1655 D, WF, Original; Oliver 2050; Oliver 1850 D., WFE, Hydro Power; 1650 D., WF w/3SP.

Tractors & Equip. Just Traded:

JD 2020 Gas; 6R S-Tine Cultivator; JD 20' 3 Pt. Field Cultivator; Ford 3X Plow; JD 850 MFWD w/Power Steering; JD 4230 CAQR; JD 2280 D Windrower; AC D14 w/Powersteering And Loader; White 618 Spring Reset; JD 310 Disc; Ford 727 Loader; Farmall 100, Hi-Clearance; JD 4450 C.A.P.S., MFWD; Case 2390 C.A.P.S.; JD 643 Oil Bath Corn Head; 1066 w/Yr.-Round Cab; JD 7000 6R Cons. Liq.; Dan User Post Hole Digger; Edwards Hydro-Swing Tree Shaker; JD 336 w/ Thrower; JD 555 Crawler Loader; ROPS, w/ Backhoe; IH 784; JD 4250 C.A.P.S. M.F.W.D.; AC D17 Dsl. WF, w/4X Plow And 6R Cult.; Miller 12' Offset Disc; NH 890 2R Chopper; JD 331 Hyd. Fold Rock Flex Disc; MF 750 Gray Cab w/2 Heads; JD 6600 Side Hill w/643 Cornhead; JD 7000 8R No-Til Planter; JD 400 Rotary Hoe; Kewanee Folding Rotary Hoe; JD 1530 Dsl.; 843 Corn; MF 43 Drill; Miller 28' Hydraulic Fold Heavy Disk; JD 8430 Fire Damaged; Prentice #160 Knuckle Boom on Trailer; New NI 325, 2R 30" Picker w/12 Roll Bed; Lilliston 9860 No Till Drill, 3 Yrs. Old; Dual 5000 side dump wagon; 1983 Butler Batch Dryer.

CORNPICKERS: (2) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers; NI 325 w/8 Roll Bed; (4) (Used) 324-2RW w/12 Roll Huskers; Shellers & Super Shellers; (3) NI 323, 1R Picker, $1950-$2250; NI 323 $1675.

New NI Corn Picker Parts: 323, 324, 325 Beater Units, H.D. PTO's, Elevator Extensions, Mechanical Lift Levers and Elevators

New N.I. 329 Super Sheller List $6700.00, Special $3,550; N.I. 330 - 3 RN w/ Supershellers; 325 2RN w/Grinder.

PICKER: NI 319 Mtd.; JD 43 PTO Sheller.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

JD 5460, C.A. Hydro 4WD, 3RN & Hay PU.

JD 5400 C.A., Hydro, 4WD, Real Nice.

JD 3960 w/2 Heads, Full Equip.; Burnt JD 3960 Chopper; JD 3960, JD 3940; JD 3800 Chopper, Hay Pick-Up.

N.H. 892 w/Elec. Controls, 2R & Hay PU; NH 782 w/ heads; NH 770 w/heads; NH 718 w/822 C.H.; NH Super 717 w/1R C.H. $975; NH 707 Chopper w/1R Corn Head; NH open end hay pickup heads, 6'; NH 890 w/2 or 3R C.H.; NH 890, 2R Super Head; NH 890 direct cut head.

IH 650 Chopper w/2RN & Hay PU; Fox Super D w/Cab 3R C.H. & PU.

Gehl 1200 Chopper w/Elec. Controls, 3 RW C.H. & Hay PU.; Gehl CB 1200 Chopper.

Gehl 700 Chopper.

Hesston 7020 Chopper w/1R & Hay PU.

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 890 EN-2RN Snapper; 770-1R Snapper; (3) NH 822 Silage; 1, 2, & 3R Silage; NH 880W PU; NH 880 S Direct Cut; NH 890 N3 3R Corn; Incomplete.

J.D. 1, 2 & 3R Snapper; 2 & 3 R Silage, New & Used 5½' Hay Pickups; JD 243 C.H. w/adapter plate; 3 JD C.H. harvester adapter plates; JD 6' Direct Cut; JD 4RW Stalker Head.

IH Direct Cut Head for 650, NI 766 Hay PU; Gehl 1200 7' Pickup.

FOX 984, 4R Silage; 2 CSB 2RW - Snapper; 263-2 RW; 109 Hay Pickup.

BLOWERS: NH 30; JD 66.

FLAIL CHOPPERS: (2) Used NH 38; Bearcat 72A; JD 16A; MC 6R Stalk Shredder; MC 180 Stalk Shredder; JD 27 Stalk Shredder.

SILAGE WAGONS: (2) JD 716 Tandem Axle w/Roof; JD 714 w/Roof; Hesston #10 Stack Wagon.

HAY EQ.: BALERS: Hesston 4800 Big Baler; New NI 555 w/560 Thrower, List Price $12,881, Sale Price $7,500; Deutz Allis HD 490 Baler w/Thrower, Like New; JD 466; JD 347 Baler; JD 327 Baler w/ Thrower; JD 24T w/#30 Thrower; JD 24T w/#30 Thrower.

NH 326 Baler; NH 425 Wire Tie Baler; NH 315 w/70 Thrower; NH 315 w/ Thrower; NH 268 w/53 Thrower; NH #75 Ejector; IH 4[SOLD]Thrower; N.I. 456 Round; N.H. 851 Rd.; NH 846 w/Auto Wrap; NH 847 Round Baler; MF 124 w/Thrower; NH 851 Rd.; NH 850 Rd.; NH 852 Round Baler w/Auto Wrap; IH 241 Round Baler.

RAKES: JD 660 w/Dolly Whl.; JD 640 Rake.

NH 258 Rake; NH 56 Rake; Ferguson 3 Pt. Rake; Grimm P[SOLD]y Tedder; Deutz Fahr 4 Star Tedder; Lely 2 Star Tedder.

HAYBINES: (1982) NH 1495 D. C.A. Hydro, 800 Hrs.; NH 1495 D Hydro w/Half Cab; NH 1495 Gas SP; 495; (3) 489; NH 479; 478; (2) NH 467; JD 1219; JD 1209; NI 509, 9'; IH 990; Gehl 1080 Discbine; JD 1327 Diskbine, Like New; Hesston PT7.

New MC 7E; (2) M.C. 7E; MC 9E Rotary Scythe; NI 272 Cutditioners; NH 1010 Bale Wagon; NH 1010 Bale Wagon, good condition; NH #90 Bale Mover.

PLANTERS: Deutz Allis 385 6R Planter, Like New; JD 7100 12R 3 Pt. Hitch; JD 7000, 6R; JD 7000 6R Cons., Dry Fert.; JD 7000 6R Cons., Dry Fert.; JD 7000 4R Liq.; (Used) 7000-6R Cons. Liquid w/No Till; 7000-4R Dry & Liquid; JD 4R Cons. w/ Dry Fert. & Insect.; (2) JD 7000, 4R Dry Fert., Full Equipment; JD 7000 4RN Liq.; IH 800, 6R Dry Fert.; IH 800 4R Liq. Plate Planter; IH 800 4R Liq. Air Planter; Hiniker 4R Econotill, No-till, w/Kinze Units; JD 1240 4R Planter.

DRILLS: NEW JD 16x8 DD Drill; JD 8350, 23x7 w/ Fert. & Seed; JD 8300, 21x7 DD Drill; JD 8200 21x7 S.D. w/Grass Seed; JD 9300 Tandem Drill; JD 1550 Power No-Till Drill; Moore 18x6 No-Til Drill; Tye 24x6 Drill; 510 24x6 Double Disc; IH 10 16x7 Drill w/Fert. And Seed; Brillion SS 10' Seeder w/ Transport.

GRINDERS/MIXERS: Owatonna 450 w/Scales; Bearcat 1250; NH 352; Farmhand 850 Tandem Axle.

TILLAGE EQ.: PLOWS. White 3X Spring Reset; Howard 4X Para Plow; JD 5X 16" Semi Mount Plow; Oliver 5-16 Semi; White 508, 6X Reset; 6B Semi; I.H. 700- 6x16 Spring Reset; JD 3200, 6X Reset; JD 8450 4x18 Rollover Plow; JD 825 4x16 Rollover Plow; (2) JD 945, 5X Semi Rollover; IH 155 5X Rollover Onland; JD 2800, 6X Onland; (2) JD 2800S, 7X; JD 2800, 7X Onland; J.D. 7X; IH 710, 7X Onland; IH 800 10X Flex Spring Reset.

CHISEL PLOWS: IH 5500, 7' Chisel Plow, Like New; IH 55 11' w/Rake; New AC 1600, 12' Pull; JD 1600, 12' Chisel; New Lilliston 13' Chisel; Bush Hog 10' w/Buster Bar; Brillion 12'; w/Buster Bar.

DISCS: Oliver 11 Ft. Transport Disk; Oliver 11', As Is; JD 110 12' Rock Flex; Bush Hog 11' Disc; White 252 12'; Bush Hog 14' Disc; Bush Hog 11' Offset; Krause 1452 14' Offset Disc; White 15' Offset Disk; Taylorway 16' Rock Flex Disk w/Harrow; White 18' Wingfold Disc, New Blades; JD 230, 21' Hyd. Fold; IH 470 18' Wing Disk; Rhino F90B 22' Hy. Fold, Rock Flex.

MULCH TILLERS Willbeck 13', Willbeck 7 Tooth Soil Saver, Glenco SS18 Fold Soil Saver, Glencoe SS13 Soil Finisher, Brilion 9 Shank Soil Saver, Glencoe SS7 Soil Saver, JD 10' Roller Harrow.

CULTIMULCHERS JD 10' Roller Harrow, Dunham Lehr 10' w/Inside Whls, JD & Brilion 10', 12', 13' & 15', Brillion 25' Hy Fold Crowfoot Cultimulcher

CULTIVATORS. 'H 80 2R Front Mount, IH 468, 4R Front Mt, JD 2R, 4R S Tine, McConnel 4R S Tine, McKee 4R S Tine, JD 4R Front Mount, Brillion 4 Row S-Tine Cultivator, (2) JD RG 4, JD & IH 6R 3 pt, (2) 3 Section Drag Harrows, (2) 4 Section Drag Harrows, Brillion 20' Hyd Fold Field Cult

MISC. Brillion 12' Packer w/Transport, IH #14 5 Shank Spring Reset V-Ripper, IH 5 & 7 Shank V-Rippers w/Gauge Wheels, Glencoe Soil Finisher 12'9" - Like New, Justus 2000 7' Rototiller

Used 400-15', JD 400 Rotary Hoe

INDUSTRIAL Arps 730 3 Pt Backhoe, Cat 955 Ldr., As Is, Ford 3550 Dsl Ldr

1978 Case 580C Dsl L, B, ROPS, Cab w/Heat, Case 580B LB w/ ROPS, AC 715B L & B, IH TD14, Angle Blade, $2,995, JD Winch And 4 In 1 Bucket For JD 450

SKID LOADERS. NH L445 D Skid, NH L35, Bobcat 444, Bobcat 533 D Skid, Case 1845 Gas Skid Loader, Case 1845 D Skid, (85) Case 1845 B Dsl, IH 3200 Gas Hydro

LOADERS & BLADES. J D 58, 148, 158, 260, IH 1850, 2000, 2050, 2350, Case IH 74L, Case IH #90 Ldr, Like New, Artsway HD loader for 4WD, AC 500 Loader for 185, etc, Ford Ldr For 8000 Etc, (New) J D & I H Buckets, JD 8' Dozer Blade For 4430, Etc, JD 155, 9' Heavy Blade w/ Hydraulics; Amco 905 Heavy Front Blade

LAWN & GARDEN. Ford 1510 Dsl, MFWD, Like New, JD 950D, Dual Hydraulics JD 756 D MFWD, Hydro PS, 3 Sect Reel Mower, Like New JD 430 D Mower/ Hydraulic Dump, JD 332 Dsl w/ Hyd Dump Box Cub Cadet 582 w/Ldr And Mower, Satoh D w/3PT Tiller, New Kubota 3200 Dsl With Mower, Satoh Dsl w/ Woods 3 Pt Mower, Satoh 550 w/3 Pt, IH 184 LoBoy 3 Pt With Mower And Blade Cub 184 w/ Woods Mower, Cub 154 Loboy w/3PT & 60" Mower, Cadet 782, Cadet 1650, 1450, 1250 128, 126, J D 400, 318, 317, 314, 216, 214, 212, 210, New Roper 14 HP Mower, (New) Johnson Loader For Cub Loboy, Loader For JD 400, Snowblower For JD 300 Series, Kwickway Loader For Cub Loboy

New Yanmar YFL 1000 Ldr, New & Used York Rakes, Schutt 3PT Tree Digger

ROTARY CUTTERS. Bush Hog 14' Rotary Cutter; Used FMC 13', JD 1408 Rotary Mower, Rebuilt, JD 1508 Wing Cutter; IH 7' Rotary Cutter, Woods S-106 Ditch Bank Cutter, MC 7' HD Flail, Woods RM 59 3 Pt Mower

SICKLE MOWERS. JD 350, NH 450, IH 1300 Dyna Balance Mower, Ford Sickle Mower

MANURE SPREADERS. Better Bilt 1500 Gal Tank w/Vacuum, NI 354 Tandem Spreader, JD 660 Tandem Spreader, Martin V3300 Tandem Tank, Husky Tandem Axle Tank w/Injectors, Harvestore 2000 Gal Liquid Tank, Martin Scavenger II Tandem Axle, NH 367 Flail Tank, NH 363 Flail, JD 54, NI 218 Tandem Axle

Trailer load of (New) Killbros Bins & Running Gears, John Bean Roto Mist 100E Sprayer; John Blue 1,000 Gal. Tandem Axle Sprayer; 500 Gal. Tandem Axle Sprayer, Westgo Rock Picker; NI 45' PTO Elevator, New Zimmerman 36' Elevator, Rex 400 Gallon Sprayer, Farmhand 8' Snow Blower, JD Quick-Couplers, JD WF, 4WD. JD 42" Cast Wheels and Tires, I H Flat Top Fenders For 706-1466, I h 66 Series Cabs Year-Round Cab w/Air For IH 66 Series, (New) Full Vision Cabs For M F 275 & 285, Damaged IH 84 Series Cab, J D & I H Front & Rear Wts, JD 243 Corn Head w/ Adaptor Plate; New WFE For Ford 7700

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Case 1976, 1370 C.A.P.S., Duals	$ 9,500
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IH 815 D. C.A. Hydro w/810 Grain	$ 8,500
M F. 510 Diesel w/Cab & Q.T. Grain	$ 3,800
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JD 2800, 7B Reset Onland Hitch	$ 5,900
IH 700 6x Spring Reset	$ 1,975
MISC.	
Hesston 7020 Chopper w/1R	$ 950
Gehl 800 w/2R Corn Head	$ 1,500
JD 38 w/2R Corn Head	$ 1,000

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New JD 210 Loader Backhoe w/Extend-A-Boom
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JD 35 harvester w/2 RW head
JD RG 4 row cultivator, (4 row wide)
JD F145 5-16 semi plow
JD 7000 6-30 dry fert., insecticide, monitor
JD 7000 8-30 dry fert., insecticide, monitor
Glenco 10' chisel plow, 3 pt.
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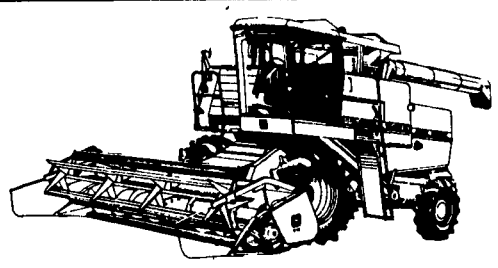
New JD 7200 corn planter, 4 row plateless, monitor, no till coulters, iron wheels, dry fert., single disc opener, insecticide. $10,300



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Oliver 1955
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KUHN-
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FB 1560 Blower
FB 1580 Blower
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3622 Spreader
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5209 Disc Mower Cond.
484 Round Baler

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NI 323 1-Row Cornpicker
NI 400 Rake
NI 526 Disk Mower
NI 224 Spreader
Oliver 1650 Gas Tractor
Farmall A w/Cult., Plow & Sickle Bar
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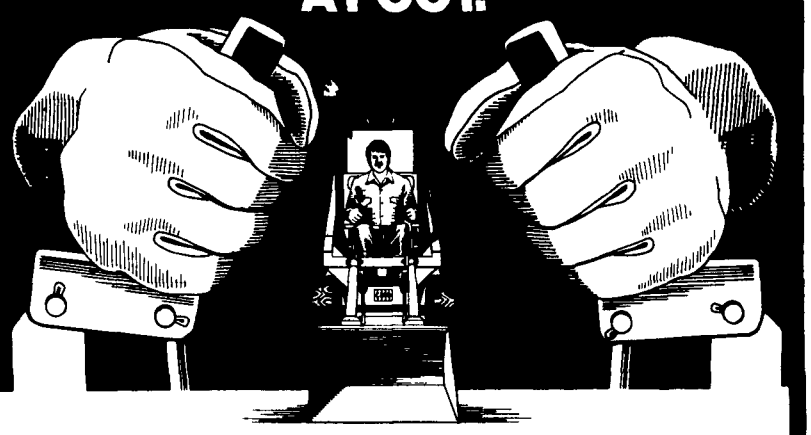

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- Case 430
- Case 1030
- Case DC Tractor
- White 2-105 Tractor
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- David Brown 990
- David Brown 1210

PLANTERS
- JD 1240 4-Row Planter
- IH 4-Row Corn Planter
- Cole 4-Row Corn Planter

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- Case 1740
- Case 1830
- Case 1845 Diesel
- Case 580D Loader Backhoe- Like New!
- Case 1830 Uni-Loader
- Owatanna Skid Loader—$1,500

TILLAGE
- IH 6-16 Auto Reset Plow
- IH 10 Ft. Disc
- Int. 2-Bot. Trailer Plow
- 7-Tooth Soil Saver
- Case 16" Reset Plow, 6 Bottom
- Case Disc Harrow, 10'
- Case 13' Disk, F21
- JD 210 Disk
- Kawanee 10 Ft. Disk
- Oliver 22' Disk
- Oliver Disk
- Oliver 3 Bot. Plow
- MF 10 Ft. Disk
- Used Cultipacker
- Vicon Rotary Harrow

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- NH 770 Harvester
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 705 Uni-Tractor
- NI 768 3-Row Head
- NI 709 Uni-System
- NI 315 Sheller
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Cornpicker
- NI 325 12 Row Husking Bed
- Gehl 800 Harvester
- Int. 234 Picker
- NI 774 4-Row Cornhead
- Massey 92 Combine

MISCELLANEOUS
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- NH 36 ft. Elevator
- Gehl 99 Blower
- IH 56 Blower
- Kools Blower
- Automatic Roller Mill
- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 224 Spreader
- Gehl 350 Spreader
- 500 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
- Ontario Drill
- Tye No-Til Drill

HAY EQUIPMENT
- IH 1190 Windrower
- IH 990 Windrower
- NH 469 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1010 Windrower
- (2) Hesston 1014 14' Windrowers
- Hesston 1090 Windrower
- Hesston 1091 Windrower
- Hesston 300 Windrower
- Case 650 Windrower
- NI 456 Round Baler
- IH 27 Baler
- IH 445 Square Baler
- NI 565 Square Baler
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- Ford 618 Blower
- Hesston 620 12' Head
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Ford 5600 4WD w/Ldr
Ford 515 w/Ldr.
Ford 5000 DPS
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Ford 4600 38" Tires
Ford 445 w/Ldr.
Ford 4000 SU D w/Ldr.
Ford 4000 PS LPTO
Ford 3910 11 w/Cab
Ford 3910 11 4WD w/776F Ldr.
Ford 3910, 200 Hrs.
Ford 3600 DPS
Ford 3550 w/Ldr.
Ford 3400 D w/Ldr.
Ford 335 G
Ford 3000 w/Blade
Ford 3000 PS
Ford 2810 LCG
Ford 2110 LCG
Ford 2000 Offset
Ford 2000 w/Ldr.
Ford 1910 4WD
Ford 1710 4WD
Ford 1710 w/Ldr.
Ford 1600
Ford 1310, 25 Hrs.
Ford 1300 w/Mower
Ford 1210 4WD
Ford 901 WFE
Ford 801 PS SOS
Ford 801 w/Ldr.
Ford 800 w/Ldr.
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IH Cub w/Mower
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Farmall M
Farmall H
MF 2200 w/Ldr
MF 1040 4x4 w/Ldr
MF 150 G
MF 40 G
MF 20 w/Ldr
3 MF 30's
AC 5020 D
Oliver 1250 PS
Oliver OC6 Dozer
Oliver OC4 Dozer
Kubota L245 4WD
DB 1200 DPS
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Case SC

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Ford 1710 2WD
Ford 1210 4WD
Ford 1210 2WD
Ford 1110 2WD

USED BACKHOES
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Ford 655A w/Cab
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Ford 550 w/Cab
Ford 535 D

Ford 3400 D
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Ford 515 Mower
Ford 7 Ft. Chisel
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Glencoe 10 Ft. Chisel
Blanton 7 Ft. Chisel
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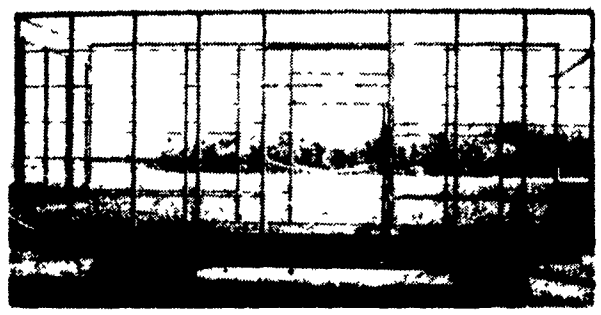

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JD 2010 Row Crop
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IH 886 w/Cab
IH 986 w/Cab
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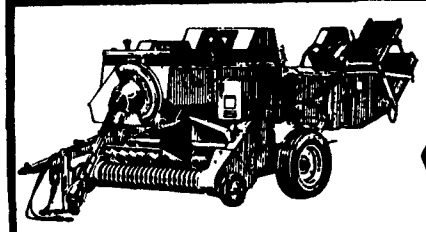

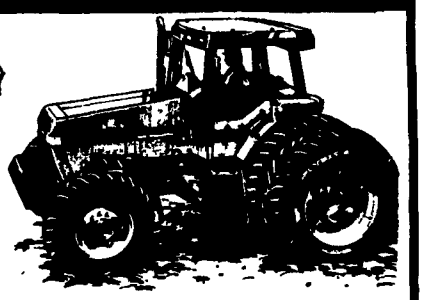

- Case IH 8520 Twine Baler w/Thrower
- Case IH 8530 Twine Baler w/Thrower
- Case IH 8540 Twine Baler w/Thrower
- Case IH 8440 Round Baler
- Case IH 8320 7 Ft. Mower Conditioner
- Case IH 8340 9 Ft. Mower Conditioner, New Model
- Case IH 1190 Mower Conditioner, 9 Ft.

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Case IH 415 Packer Mulcher 10'1" - Demo
Case IH 5700 3 Rank 11 Ft. Chisel
Case IH No. 14 Sub-Soiler, Auto Reset
Case IH No. 10 Sub-Soiler, Manual Reset
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Case IH 2446 Comb. Grain Drill
Case IH 16x7 Comb. Grain Drill
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Case IH 183 6-Row Vibra Tine Cultivator

Case IH 2200 Loader
Case IH 2250 Loader
Case IH 2255 Loaders
Case IH 74L Loader For 1394, 1494 & 1594 Case Tractors
Case IH 710 L[SOLD]r Magnum Tractor
Case IH 1044 4 Row Cornhead
Case IH 8730 Forage Harvester
Case IH 1620 Combine In Stock- Old Price!

Over 20 200-Series Case-IH Compact Tractors In Stock!
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case IH

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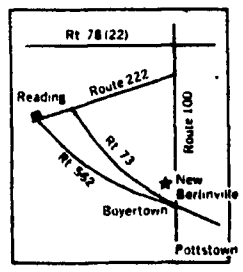

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One Mile North of Boyertown
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FAX: 215-367-6715

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JD 950 roller harrow, 10', good condition..... $2,400
Poles for farm buildings, 45' long, like new condition ... $2.00 foot
6"x14"x20' long bridge beams..... $2.00 foot
Will Deliver
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Between McAlisterville & Mifflintown
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NEW TRACTORS IN STOCK

33 h p 1050 85 h p. 2955
55 h p. 2355 140 h p. 4450 MFWD
75 h p. 2755

Interest Free Till July 1, 1989 or
0% Financing For 18 Months Or Low Rate Financing Up To 60 Months

USED TRACTORS

JD 2150, 50 h.p., 600 hrs..Coming In
JD 1010, excellent condition
JD 950, 27 h.p., RG, 900 hrs., nice, $6,500
Ferguson 40, 40 h p., WF, 3 pt., $2,800
JD 2010 parts tractor, gas, runs, $1,500
Farmall B, single whl. w/mower, $900
Farmall BN w/cult., good condition
JD B, new tires, cults , real nice

PLANTERS & DRILLS

New 7200 4 & 6 row cons., planters.. . In stock
JD 7000 6 row, cons., dry fert., very good
JD 7000, 4 row wide w/coulters, dry, liquid, good
IH 400 cyclo, 4 row, dry, excellent
AC 600 no till, dry, good
JD 1240 plateless planter, dry, good
JD B grain drill, 17x7, grass seed, good

TILLAGE EQUIPMENT

MF 345 3 btm. mtd., excellent
JD 145 5 btm. 16", good
Ford 4 btm. 14", very good, $500
JD 4 btm. mtd. 16" plows, $500
JD BWA 13' transport disc, very good
(3) JD transport discs, 9'-13', $400 & Up
JD 100 disc, 8' mtd., excellent
JD 920 12' packer
JD 925 cultimulcher 8', very good
Dunham Lehr 12' cultimulcher, excellent

HAY & FORAGE

NH 479 haybine, very good, $2,900
JD 1209 mower conditioner, very good
NH 479 haybine, average condition, $1,500
(2) JD 24T baler w/thrower, $1,500
IH 430 baler w/thrower, $1,500
(2) Fox harvesters w/heads, $1,500 each
NH #7 forage box w/wagon, $800
NH 27 blower, good

MISC.

Century 300 gallon sprayer, very good, $1,800
NH 512 spreader, good, $800

COMBINES

JD 7700 turbo, AC, hydro, nice
'80 JD 6620 Side Hill, excellent, loaded
'79 JD 6620 Side Hill, very good, loaded
'82 JD 6620 Side Hill 1982
JD 4400, cab, AC, 13' platform, $9,500
MF 760 Hydro, 1163 CH, 15' platform, $17,000, very good
(2) MF 410 w/cab, platform, $3,500 each
MF 510, cab, dsl., platform, Reduced $3,500
NH 975 w/platform, cab, $3,500
AC L630 corn head, excellent, Reduced, $4,500
(2) MF 44 corn heads, $1,500 & $2,500
(2) MF 43 corn heads
(3) JD 444 corn heads
(2) JD 643 corn head, good condition
JD 215 rigid platform
NI 325 sheller, 2 row 30" good, $2,900

(2) NEW JD 6620 Sidehill Combines In Stock
Interest Free On New & Used Till Sept. 1, 1989

Dismantling Combines for parts over 400 all makes and models
Dismantling 100 pickers for parts

All Combines Sold— free parts for one season if in our parts lot.

IH 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 151, 101, 141, 127, 125, 105, 82, 76, 74 JD 7700, 6600, 4400, 3300, 105, 95, 55, 45, 40, 30, 25, 12A MF 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26 AC Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66, 100. Oliver: 545, 535, 525, 430, 40, 35, 33, pull type NI Uni, 710 Combine, Huskers, 705, 702, 701, Combine shellers & harvesters. Ford 622, 630, pull type Case 1160, 960, 700, 660, 600. NH 975, 985, TR70 MM 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers, JD 7720, Motors, transmissions, tires, corn & grain heads

Financing or Lease Available

COMBINES
75 To Choose From

NI 701 Uni w/corn picker & combine unit
JD late 4400, diesel, w/ heads
JD 6600, diesel, hydro w/ heads
JD 45 ca SOLD & grain
JD 45 w SOLD n & 2R
(2) JD 45 w/10' Grain & 2R
JD 55 w/12' Grain, $2,000
JD 45 Rback 10' hume reel, SOLD, $1,875
JD 4400 diesel, rotary screen, $7,000
JD 45 square back w/2R 10' grain & cab
1977 JD 6600 side hill w/6R 30" & 14' grain, $18,000
JD 6600 rotary screen diesel w/grain, $7000
JD 6600 w/grain, $7,000
JD 3300 gas w/2 heads
1976 AC Gleaner F diesel w/big rubber front & back, w/heads, nice
AC F2 w/corn & grain head
AC G, diesel, choice of heads
AC E w/10' grain & 2R
AC FKS dsl. w/heads $7000
AC Gleaner F2, hydro diesel w/heads
AC Gleaner M Dsl. Hydro grain saver w/4R 30" black corn head & 12' grain, $13,500
AC C2 diesel w/grain 4R 38" & 4R 30"
AC Gleaner FKS gas w/2 heads
AC late C2 w/grain & 4R corn, $3,950
Gleaner F2 w/heads
Gleaner K w/10' grain & 2R corn, $4,000
(2) C-2 Gleaners w/4RW for 4RN & grain head
MF 550, diesel, w/heads
MF 510 G, QT, 13' grain, 4R, 30" corn, nice
MF late 760 V8 diesel hydro w/4 or 6 row corn & grain
Massey 72 w/12' Grain
Massey 82, $1,200
Massey 35, 8' head
MF 760D hydro w/heads
MF 550 hydro, dsl., choice of heads
(2) MF 510 diesel w/head
(4) MF 410 diesel w/ heads
MF 510 diesel, hydro w/ heads
MF 410 diesel, hydro w/ heads
(3) MF 300 gas, cabs & heads
MF 300 diesel, quick tach w/heads
MF 82 2R corn & 12' grain
1983 MF 850, 28x26 tires, 1177 hrs., silver cab w/grain 6R 30" or 4R 38", clean, one owner.
Late MF 750 hydro diesel, just had $4,000 spent on it last fall, real nice
MF 510 diesel gear w/ heads
IH late 715, diesel, hydro w/German motor & heads
IH 715, gas, w/heads
IH 715 hydro diesel w/ heads
IH 1460 diesel hydro w/4 or 6 row corn & grain
IH 141 w/12' grain, 2 row corn, 1 owner, nice
IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
IH 1440 Axle Flow Combine w/grain & 4R corn
IH 815 dsl., hydro, late profile w/810 grain head & 844 4R corn
IH 615 gas w/810 flex, 2 or 3R corn
IH 403, gas, cab, 4R 30" & grain head
IH 205 w/grain 3R, 30" or 2R 38"
IH 715 hydro diesel w/ grain & corn
1983 NH TR85 hydro Cat. V8 diesel w/grain & 4R corn, low hrs.
NH TR70 Cat. diesel, 4 row 30", 13' grain
NH TR70 Rotary, hydro V8 Cat. dsl. w/12' flex & choice of 4R 30" or 6R 30" or 4R 38" corn
NH 1400 w/grain & 4R 38" corn, $6,000
(2) Case 600, 10' Grain & 2R or 3R Corn

DISC HARROWS

IH 350 disc, nice
IH 500 HD, $1,500
JD 8' wheel disc, real nice
IH 500, HD, $2500
White 265, like new blades, $3000
IH 500, HD, field ready, $3500
IH 470 wheel disc, $1500
(2) off-set discs from 8' to 11'
JD 10 to 14' RWA discs
JD 12' heavy duty disc, $2500
4 IH 37 10' to 13'
10 & 12 tooth trailer chisel plows
3PT 8' disc
8, 10, 12, & 14' Wheel Disc
7 & 8' drag discs
Good selection of wheel discs

GRAIN HEADS

IH 820 flex, real nice
(4) JD 213, ridged
(3) JD 213, 13' flex

TRACTORS

Ford 850 gas 3 pt., $2,500
1952 Ford 8N, new tires w/step up
(2) Farmall H w/cultivator or loader
IH 664, utility, diesel, 3PT, $3475
1975 IH 1066 fac. cab, new TA, & clutch/ pressure plate w/20x38" rubber, nice
IH 674 row crop, diesel
IH 504 hi crop w/bean picker
Farmall Super MTA
(4) JD A late models
Late JD B
JD 50, gas
IH 1466 SOLD rubber
(2) Farmall Super H, good paint
IH 560 diesel, fully equip.
Ford 7000 diesel turbo, nice
IH 3444 ind. diesel w/ loader & 3PT, $5,500
IH 574 diesel 3P, $5700
IH 784 diesel, new motor & paint
IH 656 hi ut. diesel & gear, $5000
IH Cub low boy w/belly mower & blade. $2350
1973 Case 470 diesel, 3PT, $3500
IH 560 gas w/IH 234 MT picker, $2985
AC D17, diesel, WFE & loader, $2600
AC D17, gas, NF, $1875
AC 5040 diesel w/3 pt., nice
Farmall M w/like new tires
Farmall H
Farmall Cub, hyd. w/IH belly mower
Farmall F20
Farmall Super M w/WF, $1,375
Farmall M, late model
Farmall 100 w/1 row cultivator
Oliver Crawler w/Roll Guard
IH 656 gas, WFE w/IH loader
IH 3444 industrial dsl. w/3PT & loader, $4,500
IH 340 gas w/loader
IH 504, power steering, 3PT
IH Hough Payloader
IH 400 Dsl. w/power steering
IH 674 dsl., row crop, 65hp
Yale 3000 forklift, needs trans. work, $800
C Allis w/belly mower
Massey Pony
MF 1085 w/multi power, $5500

WIDE FRONT ENDS

Oliver 1800
Farmall M

SAFEMARK DEALER

Super M
Ford 6000
Farmall A
MF 65
Massey 44 & 444
Massey 101, 30 & 33

SPREADERS

(3) JD 40 w/hyd. and gate, nice
IH 540 w/hyd. gate, $1375

CORN PICKERS

NI 324, 2R, 38", w/super sheller, sharp, $2,500
NI 10, 1R
NI 319, 2R, mounted 12 roll bed

CORN HEADS

MF, 4R, 30"
IH 844, 843, 943, 683

ROTARY MOWERS

Woods batwing mower
IH 7' pull type
Bushog 12', HD
JD 707, 14', repainted
(3) IH semi & trailer belt drive
MF 7' belt drive mower
MF 3PT belt drive
IH 12' flail shredder, $1,675
Brillion 12'
Woods 12' pull type
Ford 6' pull type
2 Woods 7' trailer
20 New 6' 3PT IHMC
3 pt. 6, 7 & 8'
Also pull types.

PLOWS

AC 4 bottom 16" semi
Oliver 3 bottom 14" 3 pt.
IH 720 5 bottom 18" toggle trip
IH 510, 5x18 trip, nice
IH 700, 5 bottom, auto reset
IH 700 6 bottom auto. reset
IH 710 6 bottom 16" trip
JD 1450 5 bottom 16" trip hillside hitch
JD 7 bottom 16" on land hitch, w/front wheel
IH 55 trailer type spring tooth
10 tooth Landol trailer chisel plow
JD 4 bottom, 16", trips
IH 700, 5 bottom, 16"
JD 3 bottom 16", 3PT
JD 2 bottom, 16" 3PT
Trailer plows
JD 1600 trailer chisel, nice
JD 2500 5 bottom 18" spring reset
IH 710 5 bottom trip, nice
JD 1450 6 bottom 16" hillside hitch
MF trailer chisel plow high clearance, $2485
IH 650 6 bottom trip, nice
(2) JD F145 5 bottom 16", $650 & $850
(2) JD 1450 Hillside Hitch 4x16, nice
JD 4 & 5 btm.
Ford & JD 3PT 2-btm.
Ford 142 3-btm. 16", auto reset
Plows, 2 to 7 bottom
JD & IH 3 & 4 bottom drag plows

HAYBINES & RAKES

Gehl 9' haybine
JD 24T baler w/kicker
IH 1190 9' hyd. swing, new paint
JD rake w/front wheel, $785
JD 1207, 7' haybine
NH 488 9', $1650
NH 479 9', $1950
NH 467, 7', $1800

MISC.

AC unloading wagon
Orchard sprayer w/power unit
JD 714A all-steel forage wagon, nice

CORN PLANTERS & DRILLS

JD, FBB, S. disk grain drill
AC 4R plate
(2) IH 400 4R air, no till
(2) JD 290, 2R, trailer type

HARVESTERS

Fox w/corn & pickup & ear corn attachment for grinding at silo
Fox 2000 w/2R 38" cornhead
Gehl 6' flail chopper
NH 36 flail chopper
IH 720, 2R, 30" or 38", $2,500
(2) JD 16A 6' flail chopper
JD 3800, 2R, & pickup, $1,500
(2) IH 550, 2R, & pickup, $500
IH 350, 1R, & pickup. $400
IH 7 flail chopper

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert. Spreaders
Cement Mixers

"TRACTORS FOR COLLECTORS"

JD A, B, LA, R, 70
IH F12, F14, F20, F30, 1020, 1020 crawler
Oliver 60, 70, 80, Hart Par 25
Case DC, SC, R, RC
AC WC, RC
MM R, Z
Coop E3
Massey 30, Pony
(2) Fordsons
(2) Silver Kings

CORN PLANTERS & DRILLS FOR PARTS

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

IH TD5 Crawler, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 660, 656, 560, 504, 404, 460, 450, 444, 400, 350, 340, 300, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12. JD M, 4020 dsl , 4010, 3020 dsl , 3010, 2020 Dsl , 2010, 720, 70, 60, 50, A, B AC 190XT, 180, D14, D15, D17, D19, WD, WC, CA, C, B MF 1155, 90, 85, 444, 333, 65, 44, 33, 30, 20 Case 600, 300, DC, SC, VAC Ford 6000, 4500, 4100, 4000D, 960, 861, 860, 800, 800, 641, 600, 8N, 9N Oliver OC3 Crawler, 1800, 880, 88, 77, 70, 66, 60 MM 5 Star, R, Z, E3 Coop, David Brown 990

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TRACTORS

JD 2350 MFWD 55 H.P., 385 Hours	$18,500
JD 2150 45 H.P., w/JD 175 Loader	$12,500
JD 3010, 55-H.P., Dsl., S/R	$4,000
JD 2510, 55-H.P., Dsl., S/R	$4,850
JD 60	$1,750
IHC 1256, 115 H.P., Dsl., WFE	$9,250
AC 200 100 H.P., Dsl., Cab	$8,950

CORN PLANTERS

JD 7000 6R30 w/Dry Fert., Insect	$4,350
JD 7000 4R30 Cons., w/Unit Coulters, Dry Fert., Monitor	$4,500
JD 7000 6R30 w/Unit Coulters, Dry Fert. Insect	$6,650
JD 7000 6R30 Cons., Liquid Fert. Insect., Monitor	$7,350
JD 7000 6R30 Cons., Dry Fert., Insect., Monitor	$7,150
JD 7000 6R 30 Cons. Liquid Fert. Insect., Monitor	$9,500

USED TILLAGE EQUIPMENT

IHC 540 4B16 Semi Mtd. Plow	$650
JD 845H 4B16 Semi-Mtd. Plow	$1,250
JD 1450 5B16 Semi-Mtd. Plow	$1,850
JD 1600 3B16 Like New	$3,450
JD 1600 4B16 Like New	$4,650
JD 950, 12 Ft. Roller Harrow	$2,450
NH TD50 12-Ft. Disk Harrow	$4,150
MF 233 12-Ft. Disc Harrow w/C-Springs	$3,950
JD H1000 11-Ft. Disc Harrow As Is	$375

MANURE SPREADERS

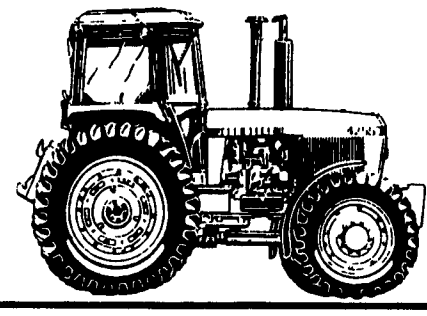
NH 791 w/Endgate	$3,950
NH 679 w/Top Beater	$2,750
IHC 575 w/Endgate	$1,950

MISC. EQUIPMENT

Owatonna 330 Gas Skid Loader w/2 Buckets	$5,500
Century 500-Gal. w/35-Ft. Boom, Centrifugal Pump	$2,850
JD 8 Ft. Toolbar w/5 Chisel Teeth	$575
IHC 53 6R30 Cultivator	$825
AC 6000 4R30 Cultivator	$1,250

120-hp 4255

WAITING FOR YOU



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- Caster/Action™ MFWD with new automatic engagement available
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- Much more

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FORAGE EQUIPMENT

JD 5400 S-P w/Cab, Pwr.-Rear Whl. Drive	$31,500
JD 3960 w/3R30, 7 Ft. Hay PU	$14,500
NH 1880 SP w/Cab, 3RN Auger Base	$9,500
JD 16A Flail Chopper	$2,150
JD 35 Harvester w/1-Row RC, 5½ Ft. Hay PU	$1,950
NH Super 717 1-Row	$1,000
JD 216 Forage Wagon w/JD 1065 Gear	$2,750

HAY EQUIPMENT

JD 347 Baler w/30 Ejector	$6,950
NH 320 Baler w/Ejector	$3,950
JD 346 Baler w/30 Ejector	$4,500
IHC 225 10 Ft. S.P. Windrower	$2,950
Hesston 1010 Hydro Swing	$2,500
NI 272 7-Ft. Cut-Ditioner	$1,650
JD 1209 9-Ft. Mower Conditioner	$3,750
Vicon 7-Ft. Rotary Disk Mower	$2,750

Sizzling Summer Savings

We're mowing down the competition with hot weather coupon specials like these extra special bargains from the new John Deere Parts and Merchandise Adviser. Shop the Adviser and reap acres of savings on parts you need right now. Better stock up now—our sizzling summer savings can't last forever.

Wear Plate

Used with hold-down clip, keeps the knife in proper alignment.

Reg. $1.83 Just $1.69 H101200 with coupon.

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Riveted section for all combine cutterbars with 2 11/16-inch hole spacing.

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Lever-action, 10,000 psi maximum pressure. 16-oz. capacity.

Reg. $10.50 $8.99 with coupon

TY15410 Coupon expires June 17, 1989

1-Inch I.D.

Sealed Ball Bearing

Only $4.69

#JD8665

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Forged steel, fits most John Deere combine knives.

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Coupon expires June 17, 1989

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USED TRACTORS

JD 4440, cab, air, power shift, front wheel assist
JD 4240, PS, cab & air
JD 4230, cab, air, QR, front wheel assist
JD 4440, 4 SOLD quad range
JD 4430, cab & air, sharp
JD 4230, cab & air, QR
JD 4040, 4 post, QR
JD 4030, 4 post, QR
JD 2950, 175 hrs., like new
JD 2510
JD 2510 diesel, power shift
JD 2940, 4WD
JD 2940
JD 2750, 1,600 hrs.
JD 2550 w/loader
JD 2640 w SOLD r, sharp
JD 2440
JD 2350
JD 2240 w/loader
JD 2240 w/cab
JD 2240
JD 2150
JD 3020 diesel
JD 4020

JD 950
JD 850 w/mower
JD 830, 3 cylinder
IH 3688, cab & air
IH 3588, 2+2, excellent
IH 3288, like new
IH 884 w/2250 loader
IH 1066
IH 140 w/cultivator
IH 76 SOLD
IH 454 w/loader
IH 354
Ford 6700, 600 hrs.
Ford 4610 w/700 hrs.
Ford 4600 w/loader
Ford 3600 w/factory cab
Ford 3400 w/loader
Ford 2600 w/800 hrs.
Ford 2000
Ford 3000
MF 265 w/loader
AC 7030, cab & air

1987 Deutz Allis 7120, used only 20 hrs.

INDUSTRIAL

MF 200 crawler loader
MF 40B forklift
NH 779 skid steer
NH 335 skid steer

Gehl 4510 skid steer
NH 785 skid steer, like new
Ford 3400 backhoe
JD 300 TLB

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" plow

IH conservtill 13'
JD 2300 5 btm. on land hitch

USED COMBINES

244 JD corn heads
444 JD corn heads
443 & 643 corn heads
JD 6620 hydro
IH 82 pull type, sharp

JD 4400 diesel
JD 3300 diesel, used 1,000 hrs.
JD 4400 diesel, 1,500 hrs., sharp
1978 JD 7700 hydro, excellent

USED PLANTERS

JD 7000 4 row dry
New Woods 315 Bat Wing mower

New Woods 12' Bat Wing

HAY EQUIPMENT

JD 346 w/thrower
New JD 32 SOLD
JD 338 baler, new
JD 1207 7' haybine
IH 7' haybine, like new
NH 489 haybine, like new

NH 472 haybine, excellent
NH 488 haybine, like new
NH 326 wire baler, excellent
NH 1033 bale wagon
NH 1010 bale wagon

MISCELLANEOUS

JD 158 loader
JD 148 loader
NI Super Sheller, like new
NI 323 1 row picker
NI 2 row wide, 12 roll bed
Gehl 120 grinder mixer
Bush Hog plowing disc, 14'

Moridge gr SOLD yer, 400 bu.
1980 Ford 350 rollback, 15' alum. body
4 row Danish tine cultivator
Long 3 pt. hitch backhoe, like new

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NH 311 Baler
NH 853 Round Baler
NH 40 Blower
NH 900 Chopper
NH 38 Chopper
NH 132 Bale Elevator

NH 488 Haybine
NH 489 Haybine
NH 452 Disc Mower
NH 463 Disc Mower
NH 256 Rake
NH 258 Rake

NH 304 Spreader
NH 520 Spreader
NH 791 Spreader
NH 162 Tedder
NH 612 Wagons
NH 716 Forage Boxes

USED EQUIPMENT

NH 326 Baler
NH 275 Baler
NH 77 Baler
NH 467 Haybine
NH 469 Haybine
NH 472 Haybine

NH 411 Disc Bine
NH 519 Spreader
MF #3 Baler
Int. Spreader
JD 550 Spreader
JD Chuck Wagon

Norm Shores & Son Tractor

Towanda, PA

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Delivery Available Anywhere

USED TRACTORS

Ford TW30, cab and air, duals, 3600 hrs., excel.
Ford TW20 Factory Cab, 20x38 Tires, Weights, Very Nice
Ford TW20 Cab Air 20x38 Radials, 1990 Hours Excellent
Ford TW15, 4WD, cab and air, 1800 hrs., excel.
Ford 7710 Series 2 4WD, Fact. Cab, Syncro-mesh, w/loader, Low Hours.
Ford 7700 cab, air, 4 WD, 2500 orig. hrs., excellent
Ford 7600 w/ldr. roll crop, dual power
Ford 6600 roll crop, dual power
Ford 5000 1975, Dual Power 1900 Hours, Turbo, NICE
Ford 5000 1970 Diesel, 8 Spd. Good Condition
Ford 4000 Gas 8 spd. w/quick attach ldr., nice
Ford 3400 Dsl. Ind. Loader, 3 Pt., LPTO, 800 Hrs., Excellent

Ford 601 Gas, 5 Spd., New Tires
JD 4440, 1980 20x38 tires, weights, 3300 hours, QR, very nice
JD 4320 Roll Guard, cab, 38" tires, very nice
J.D. 4230 Sound Guard Cab, Quad. Original and Nice
JD 4020 1972 side console, synchro range, 2 remotes, 18.4x38 tires, cab with heat, very nice
JD 2750 1483 hours, Hi-lo, 2 remotes front weights, excellent, loader avail.
JD 2020 Diesel roll bar and canopy, good cond.
JD 750 4 WD w/front Blade
JD 730 dsl, direct start, wf, 3 pt. extra good
IH 766 Red Cab & Air 2 Remotes, 38" Tires, Fresh TA, Excellent
Oliver 88 gas, clean and original
Oliver 880 diesel, 3 pt. power steering, very nice

USED TILLAGE

IH 56 4R Planter, disc openers, monitor, excellent
JD 1240 4R plateless planter, dry fert., good cond.
JD 1240 4R plate Planter, double disk openers, insecticide boxes, nice
White 543 4R Planter, double disk openers, insecticide boxes, excellent
JD 1600 12 Tooth, 3 pt. Chisel adjustable gauge wheels, like new
MF 9 tooth 3 pt. chisel w/gauge wheels, nice
Case 7 Tooth, 3 pt. Chisel adjustable gauge wheels, new paint and shovels
Case 308 4x16 spring reset plow, coulters, gauge wheel, excel. (White 508)
Ford 151, 4x18 Spring Reset Plow, w/coulters, (White 508)
Oliver 4340 4x14 trailer plow, like new
Oliver 3x16 Cushion trip, semi-mount plow, excellent
IH 370 11' Disk, excellent
IH 370 14' Disk, excellent
Kewanee 12' cultimulcher, late style, inside wheels, very good
JD 220 20' centerfold disc, black gang, 20" deepdish blades, excellent
AC 2600 20' centerfold disc, 23" blades, like new
Glenco 12' field cultivator, 3 pt., w/gauge wheels
Glenco 12' field cultivator, pull type

USED HAY EQUIPMENT

NH 256 Rake with dolly wheel
NH 258 Rake w/rubber teeth
NH 276 w/#58 Thrower, excel.
NH 320 w/#58 Thrower, good condition
NH 311 w/#70 thrower, excellent
NH 310 w/#70 Thrower, very nice
NH 469 Haybine Excellent
NH 489 Haybine, very nice
NH 55 Rake w/rubber teeth
NH 495 12' haybine, good condition
NH 479 Haybine
JD 1209 Haybine late model
JD 640 rake w/dolly wheel

USED HARVESTER HEADS

NH 880W Hay Head
NH 822 2 R Corn
NH 880 2 RW Corn
JD 2RW w/clutch
JD 2RN w/clutch
NH 717W hay

USED FORAGE EQUIPMENT

Gehl CB 700 w/both heads, ready to go
NH 892 w/824, 2RN, Elec. Controls, NICE
Lamco 2 Beater w/Roof, New Gear, EXCELLENT
NH 1880, 4WD, 3RN
Fox Maxi I, 4 WD, 3RN
NH 707 3 pt. with 2 heads

CONSTRUCTION EQUIPMENT

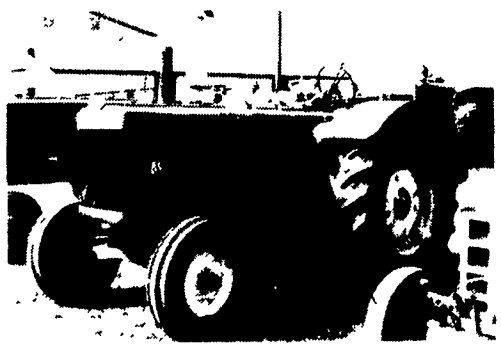
Ford 420 w/loader
JD 555 A Loader, crawler loader w/ripper, ROPS, Excel.
JD 450C 6 Way Dozer

PICKERS

NI 325, 2RN 12 Roll Bed
NI 323, 1R

MISCELLANEOUS

MF 300 Combine, 11' Hume Reel, Very Nice
JD 146 Loader with a deluxe valve, excellent
MF 92 SP Combine w/12' G.H.
JD 148 Loader
Several Used Hay Wagons
Several Used Gravity Boxes



1956 JD 80 Diesel, Hard To Find This One, S/N 802552, Tractor Has PTO, Runs & Operates, Good Restoration Project.

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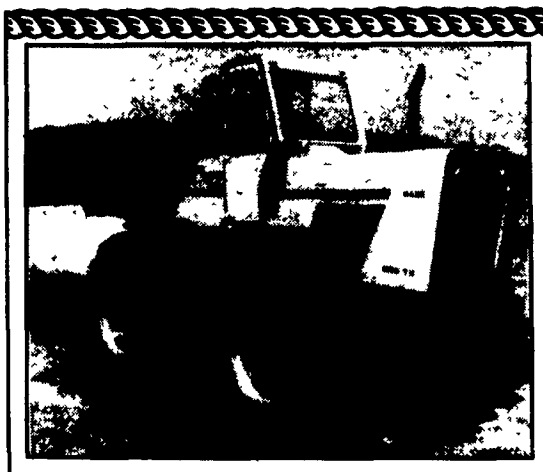

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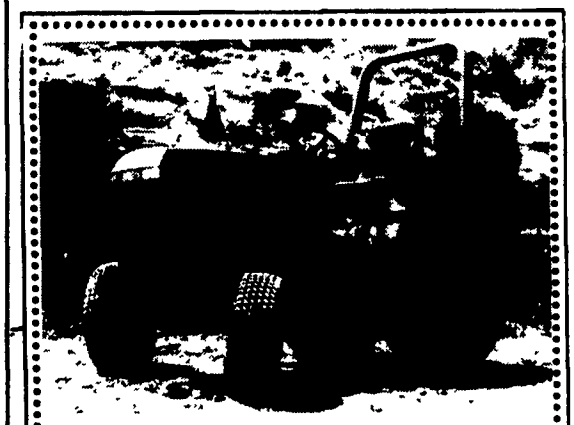

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TRACTORS

1982 JD 2440 Dsl., Hi-Lo, Ind. PTO w/145 Ldr., Very Nice
1977 JD 4230 Cab & Air, QR
JD 4440 Dsl., Cab, Air, QR, 20.38 Rubber
JD 4240 Dsl., Cab, Air, Quad, 2000 Hrs., One Owner, Clean Tractor
JD 4040 Dsl., Cab, Air, Power Shift, Radial Tires, 4800 Hrs., Very Nice
JD 4030 Dsl., Quad Range w/Cab
JD 1968 SOLD Dsl., WF
JD 2950 Dsl. w/Cab & Air
JD 2940 Dsl., 1800 Hrs., 4x4, Excellent
JD 2640 Dsl., Ind. PTO, low hrs.
JD 2510 Gas Row Crop w/Rebuilt Engine
JD 2030 Dsl. Ind. PTO
IH Farmall Cub, Late Model
IH 3088 Dsl., 640 Hrs., Excellent Cond.
1976 IH 966 Dsl., Black Stripe, Cab & Air, Very Nice
IH 1066 Dsl., Black Stripe, Cab & Air, Dual Hyd., Very Nice
IH 986 Dsl., 4 Post w/Encloser, 18x38 Radials, Local Trade
IH 986 Dsl., Cab & Air, very nice
IH 856 Dsl., WF, Year-Round Cab, 38" Rubber, Very Nice
IH 230 w/Fast Hitch
MF 2675 Dsl., Cab & Air, 24 Speed Power Shift, 18x38 Radials, Quick Coupler, Very Nice
MF 1085 Dsl. Cab & Air, Very Clean Tractor
1987 Ford 8210 Cab, Air, MFD, 450 Hrs., Like New

TILLAGE

JD 1710 9 Shank Mulch Tiller, Very Nice
JD 1630, 12' Plowing Disk, Excellent
JD 1450 5x16 Plow
Brillion 10' Pull Type Chisel Plow
IH 710 5x18 Spring Reset Plow
IH 642 3 Bas SOLD l-Over Plow
Brillion 12' Cultipacker w/Transport
Glencoe 13' Soil Saver
Landoll Soil Finisher (New)
JD 13 Ft. 3PT Field Cultivator
IH 16 Ft. 3PT Wingfold Field Cultivator
Brady 18 Ft. 3PT Hyd. Fold Field Cultivator
JD 12' Cultipacker
JD BWF 18½ ' F SOLD Flex Wing Fold Disc
JD BWF 13' Rock Flex Disc
Neimeyer 10' Power Harrow, Excel. Condition

BALE WAGONS

NH 1033 Bale Wagon, Tandem Axle, Very Nice
NH 1034 Bale Wagon, Tandem Axle, 105 Bale Capacity w/Single Bale Unload

CORN PLANTERS

JD 7200 4R Cons., Dry Fert., Monitor, Insect., Frame Coulter, SOLD Fully Equipped, Almost New

NEW Deutz Fahr Hay Tedders, 10-17-24' Models

COMBINES

(Combines Displayed Inside Building)
1977 JD 4400 Dsl., Cab & air, 1100 Hrs., Choice of Heads, Very Nice
1979 JD 4400 Dsl., Cab, Air, 1500 Hrs., Fully Equipped, Very Nice
1978 JD 6600 Dsl., Cab, Air, 1500 Hrs., Choice of Heads, Very Nice
Gleaner F2 Dsl., Cab & Air, Low Hrs., Late Model w/Flex Head, Very Nice
1983 JD 6620 Dsl., Cab & Air, Hydro, Level Land., 1400 Hours, Very Nice
1982 JD 6620 Side Hill, Fully Equipped, Very Nice
1982 JD 6620 Dsl., Side Hill, Cab, Air, Hydro, 1200 Hrs., Excellent Cond.
JD 6600 Dsl., Side Hill, Cab & Air, Choice of Heads
Gleaner F Gas w/Cab & Grain Table, Excellent
JD 213 and 216 Rigid Head
IH 13' 820 Flex Head
IH 820, 15' Flex Head, Excellent
MF 13' Ridgid Grain Platform
JD 213, 215, 216 and 218 Flex Heads

CORN HEADS

JD 244, 2RW
JD 343, 3RN Corn Head
JD 443, 4RN
JD 443, Low Profile, Like New
JD 444, 4RW
JD 444 4RW Oil Bath
JD 643, 6RN Low Profile
JD 643, 6R 30
JD 235 2RW 55
IH 863 6RN
IH 844, 4RW
IH 843 4RN
MF 44, 4RW Corn Head
MF 1144, 4RW Corn Head
MF 1163, 6RN
MF 1143, 4RN, Like New
AC 438 Black Corn Head
AC 430 Black, Like New

MISCELLANEOUS EQUIPMENT

JD 27 Stalk Shredder, Very Nice
IH 2250 & 2350 QT Loader
18x38-18x34-20x38 Duals
IH 4 Row Stalk Shredder
Donahue Equipment Trailer
Ford 772 Loader w/Valve
JD AT 6 Row Front Mtd. Cultivator
JD RM 4R & 6R Reg. & Danish Tine Cultivators
JD 48 Loader to Fit Utility Tractors
JD 148 Loader w/Valve
JD 450 Hydro Push Manure Spreader
New Brady 4 Row Stalk Shredder
16A Flail Chopper
FM #30-C 500 Gal. Air Blast Sprayer w/Engine
IH #60 6R Stalk Shredder
Cabs to Fit JD 4020, 4030, 4230
Cabs to Fit IH 806 thru 1456

NEW ARRIVALS

NI 324 2RW 12 Roll Husking Bed, Very Nice
NH 354 Grinder Mixer
NH 467 7' Haybine
NH 315 Baler w/Thrower
Kewanee 12' Finishing Disc
IH 450 4 Base Spring Reset Plow
NH SOLD Haybine

TRACTORS w/LOADERS

1982 JD 2640 Dsl., Hi Lo Ind. PTO DH w/146 Loader, Very Nice
JD 2440 Dsl. w/145 Loader, Very Nice
JD 260 Ldr. to Fit 2840-2950

TRADE & SPECIALS

JD 402 SOLD , WF, $5,800
JD 2030 Dsl., Ind. PTO, $5,600
NH 277 Baler w/Thrower, $2,850

GRINDER MIXERS

Gehl 120, Very Nice
Gehl 65 Grinder Mixer, Very Good
NH 355, Hyd. Drive
NH 355, Excellent Condition
NH 352, Late Model
JD 700 w/Scales, Very Nice

CORN PICKERS

NH 325 2RN 12 Roll Bed, Like New
NI 323 1 Row Cornpicker, Very Nice
JD 300 Husker 2 or 3 Row Head

HAY EQUIPMENT

NH 855 Round Balerm Excellent
NH 851 Round Baler, Very Nice
NH 849 Round Baler, Like New
NH 846 Round Baler, Very Nice
NH 845 Round Baler w/Auto Wrap
NH 273 Baler w/Thrower, Excellent Cond.
JD 337T Baler w SOLD jector, Excellent
JD 327 Baler w/30 Ejector, Like New
NH 277 Baler w/Thrower, very nice
NH 478, SOLD Haybine
NH 472 7' Haybine, Cut 50 Acres, Excellent
JD 1219 Mower Conditioner, Like New
JD 1207 7' Mower Conditioner
JD 5½ ' Hay Pickup
JD 3 Row Wide Forage Head
New Farmco 18' Steel Side Hay Wagons
JD 3940 Harvester w/2R Corn Head, Good Cond.
JD 3960 Harvester w/2R Corn Head, Elec. Controls
Pequea 9' PTO Drive Hay Tedder, Excellent
NH #75 Bale Ejector
NI Hay Crusher
IH 2400 Round Baler, Very Nice

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Ford 550.....$11,500
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JD 310B 1986 ROPS Super I $22,500
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JD 350 w/Hoe.....$12,500
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Komatsu D31-Cab.....$14,500
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Wood Chipper.....$5900
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IH 364.....$3900
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White 2-63.....$4900
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Ford 3400.....$6900
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Ford 335.....$8900
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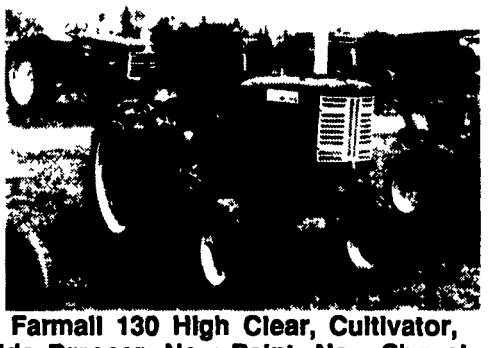
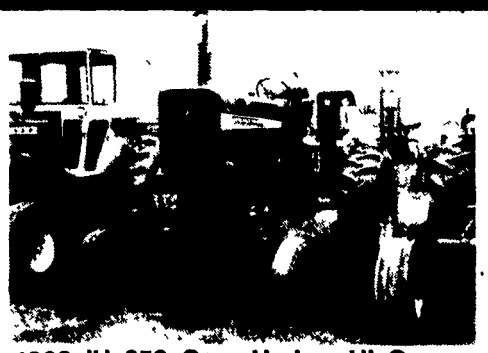
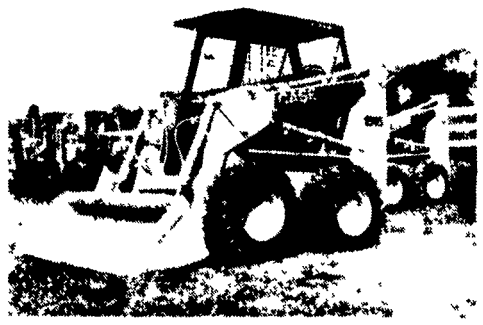


Farmall 130 High Clear, Cultivator, Side Dresser, New Paint, New Shovels, Factory Hydraulic Lift
Only **$3,900**

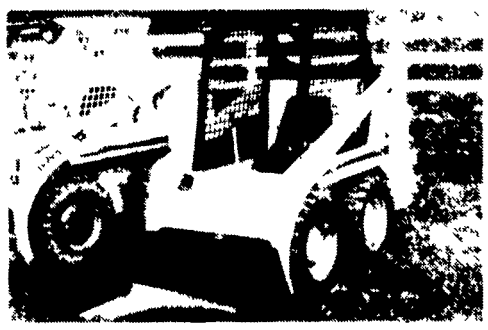


1968 IH 656 Gas- Hydro- HI Crop- Hard To Find- 3 Pt.- Clean Original-
ONLY **$7,900**

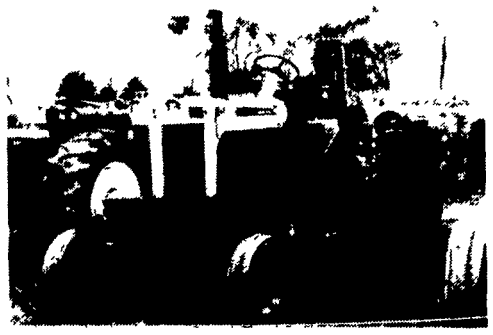


1980 Case 1845 Skid Steer Good Condition- Diesel
$8,500

Bush Hog 20' Wing Disc- Furrow Fillers Tandem Tires- Full Set Of Scrapers- Above Average Condition Priced To Sell- $2,850



1978 Clark 533 Skid Steer Diesel- New Paint $5,500



1967 Case 1030 Diesel, Front & Rear Weights, 18.4x34 Tires (85%), 2 Remotes, 540 PTO, 3900 Hours
Only **$4,800**

NEW 3 PT. SCRAPER BLADES

6' 3 Pt. HD	$195
7' 3 Pt. HD	$225
7' 3 Pt. Monster Duty	$695
8' 3 Pt. Monster Duty	$795

NEW CORNSHELLERS

3 Pt. Economy	$795
3 Pt. Standard	$1395
Pull Standard	$1495
3 Pt. Deluxe	$1695
Pull Deluxe	$1795

NEW 3 PT. POST HOLE DIGGERS

Your Choice 6", 9", 12" Augers $495

NEW 3 PT. DISC'S

5½' Combination Blades	$495
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OTHER NEW 3 PT. TOOLS

Round Bale Feeder	$145
3 Pt. 1 Row Cultivator	$150
3 Pt. Seeders- Broadcasters	$350
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3 Pt. Wheel Rakes	$495
2x14" 3 Pt Plow	$595
5' 3 Pt Aerator	$695
9' Hay Tedders- 3 Pt	$995
9' Hay Tedders- Pull	$995
3 Pt. 52" & 58" Rototillers	$1275
3 Pt. 1 Row Potato Diggers	$1495
3 Pt. Sickle Bar Mowers	$1695

NEW ROTARY MOWERS

4' 3 Pt HD	$495
5' 3 Pt. HD	$495
4' Pull HD	$595
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6' 3 Pt. HD	$795
6' Pull HD	$895
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6' 3 Pt. Estate Mower	$1195
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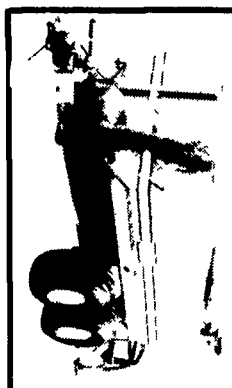

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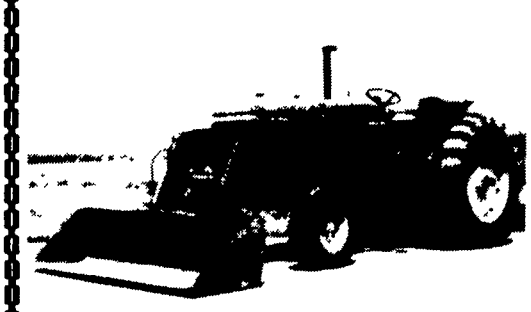

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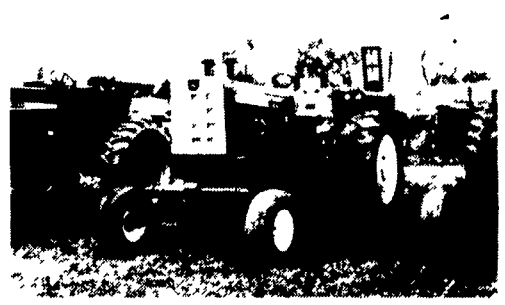

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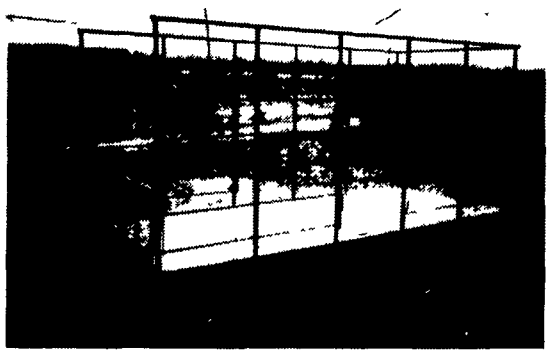

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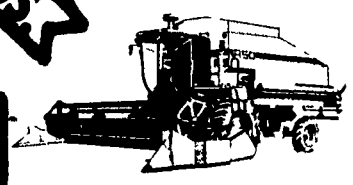

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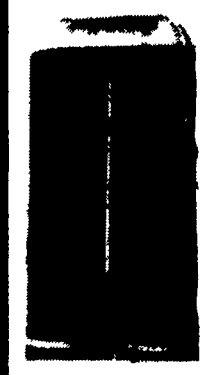

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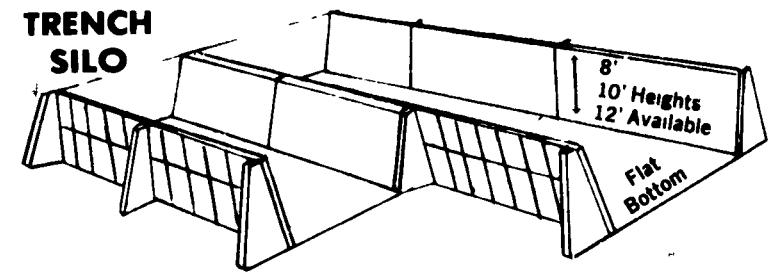

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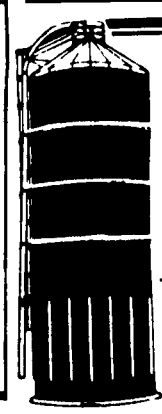

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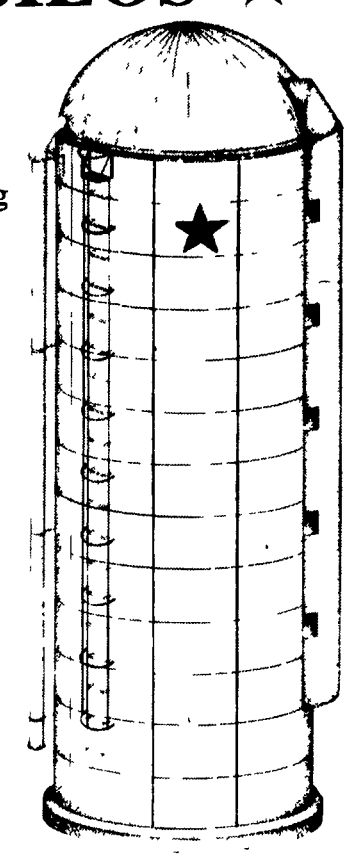

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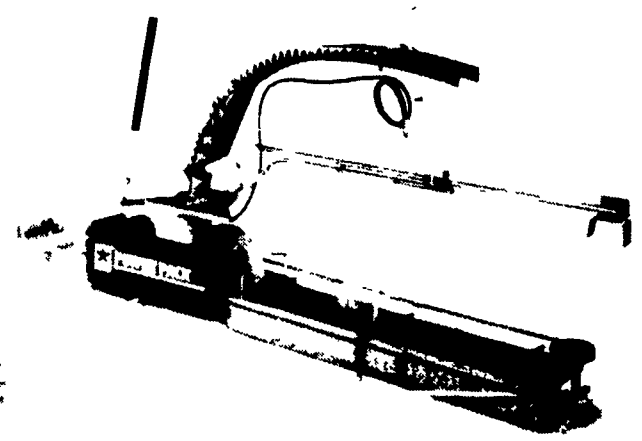

Feature By Feature, You'll Find This Unloader Beats Them All!

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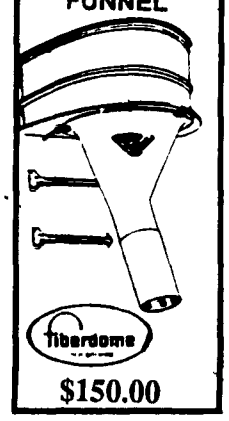

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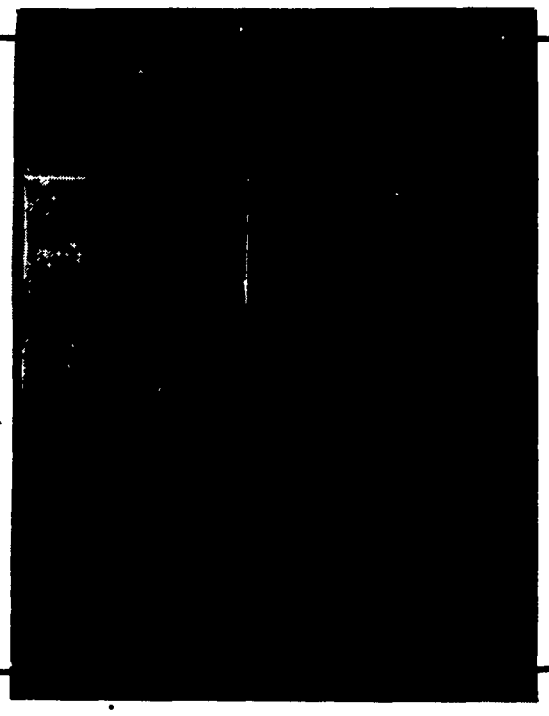
Lancaster Silo Co. Says "There Is No Substitute For A Fiberglass Chute."



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The Fiberdome chute is designed and engineered to be installed on most types of silos. Its structure allows it to withstand the toughest beating the weather elements or silo unloading systems can possibly dish out.

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WARNING! DETERIORATING CONCRETE FROM CORN JUICE!

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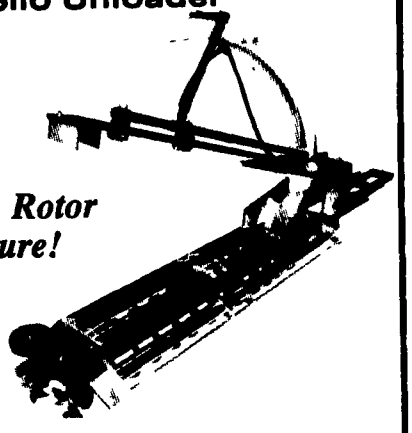
Silo Unloader

- 26 Inch Stainless Steel Rotor Housing With 4 Stainless Steel Parts



The Unloader With the Rotor Housing Of The Future!

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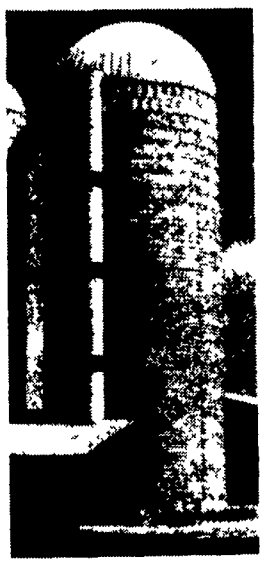
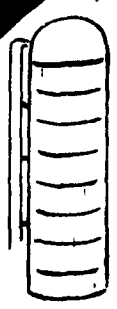


SILO UNLOADERS Silo-Matic® FEEDING SYSTEMS



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S&S Silo Service prepares the silo surface by using a 3,000 lb. pressure washer, thus making the silo moist, making a much better surface to bond shotcrete. After shotcreting, S&S always takes away any roughness by applying a steel trowel finish.

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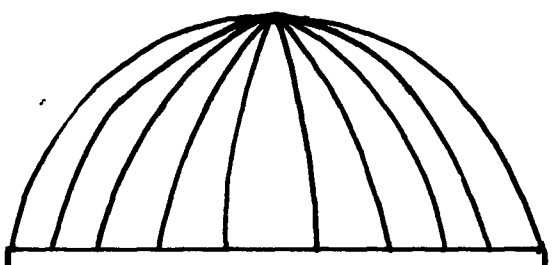
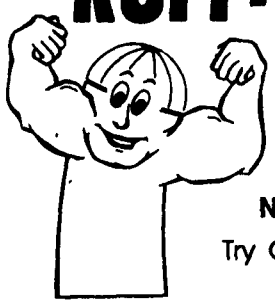


RUFF-TUFF



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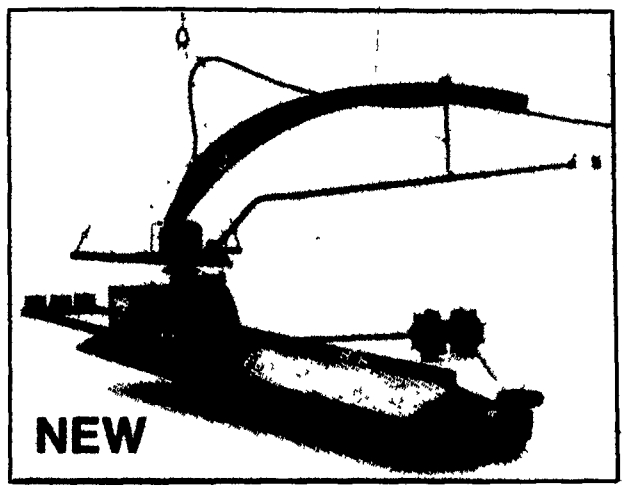
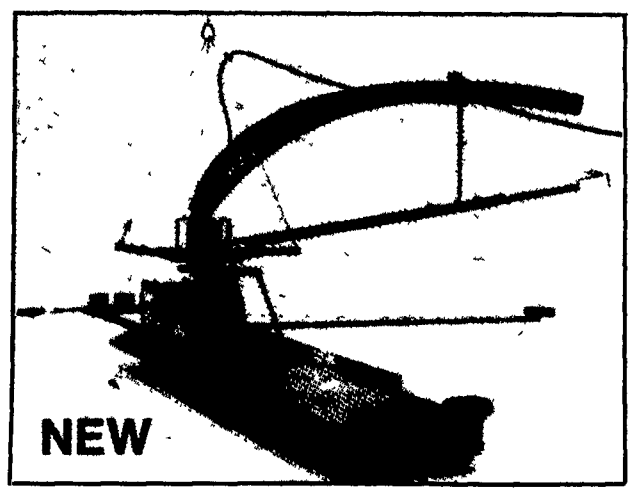


Heavy Duty Dual-Auger Surface-Drive Silo Unloader With Patz Quality.



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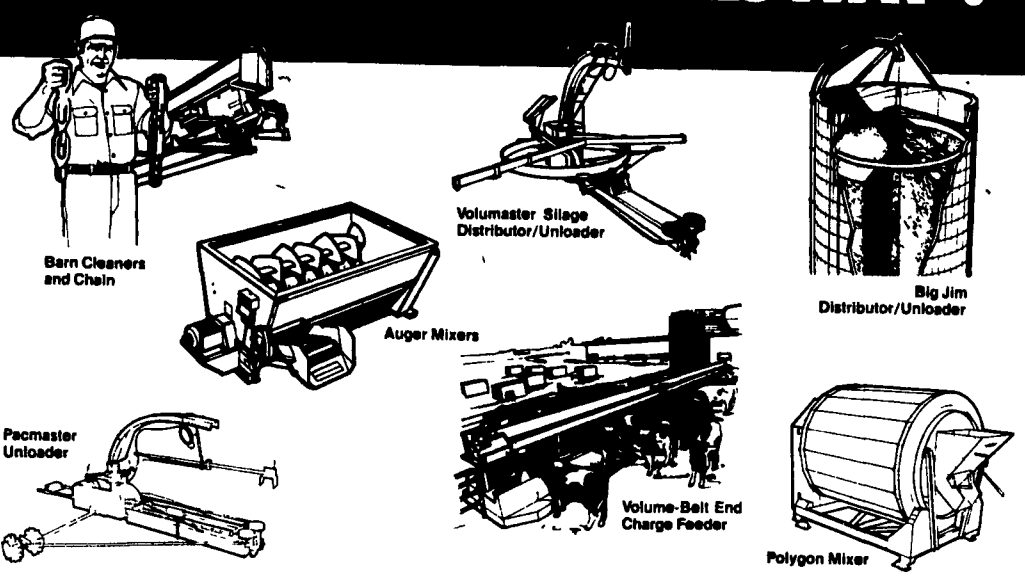

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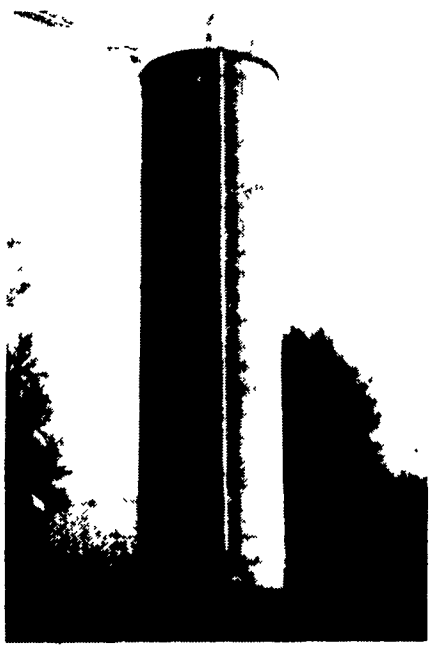
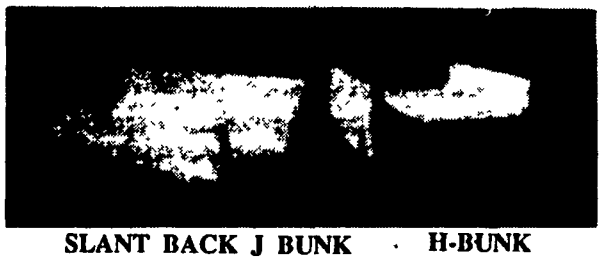


The best storage system for high moisture cob corn is a poured concrete SOLLENBERGER SILO, with bottom unloading. The feed can be safely stored at less than 30% moisture, air is effectively excluded limiting mold growth, the silo is equipped with a distributor to keep separation to a minimum which means more efficient unloading and consistent ration. The 6" solid concrete wall reflects heat meaning that heat damage is minimized and feed is kept cooler. Now Is "Decision Time". Make Plans Now To Have Your Sollenberger Silo Erected In Time To Store Your High Moisture Ground Ear Corn.



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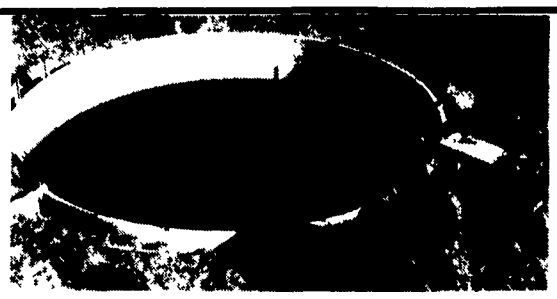

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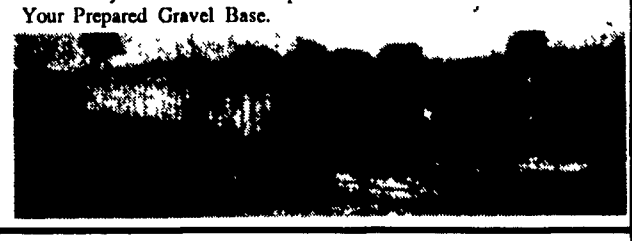

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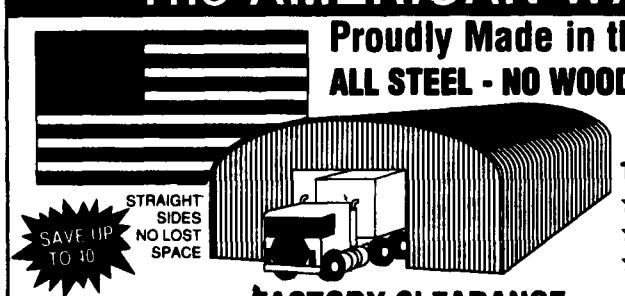

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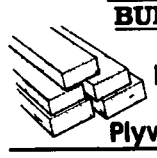
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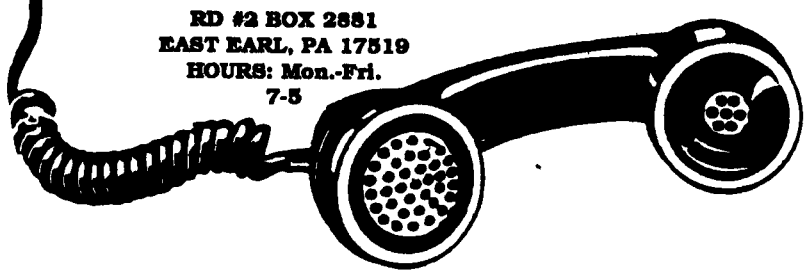

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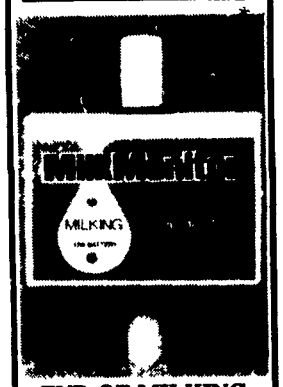

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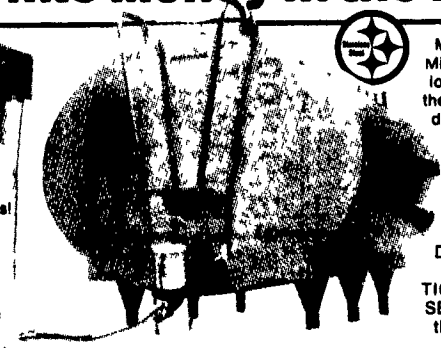

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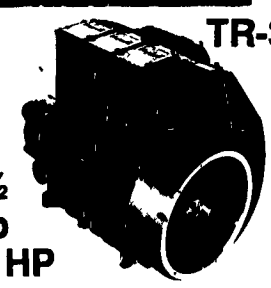

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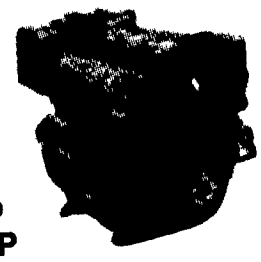

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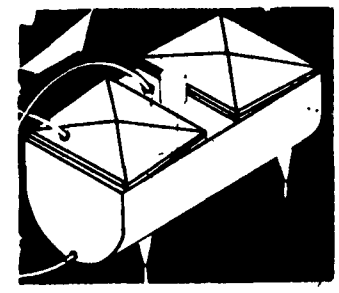

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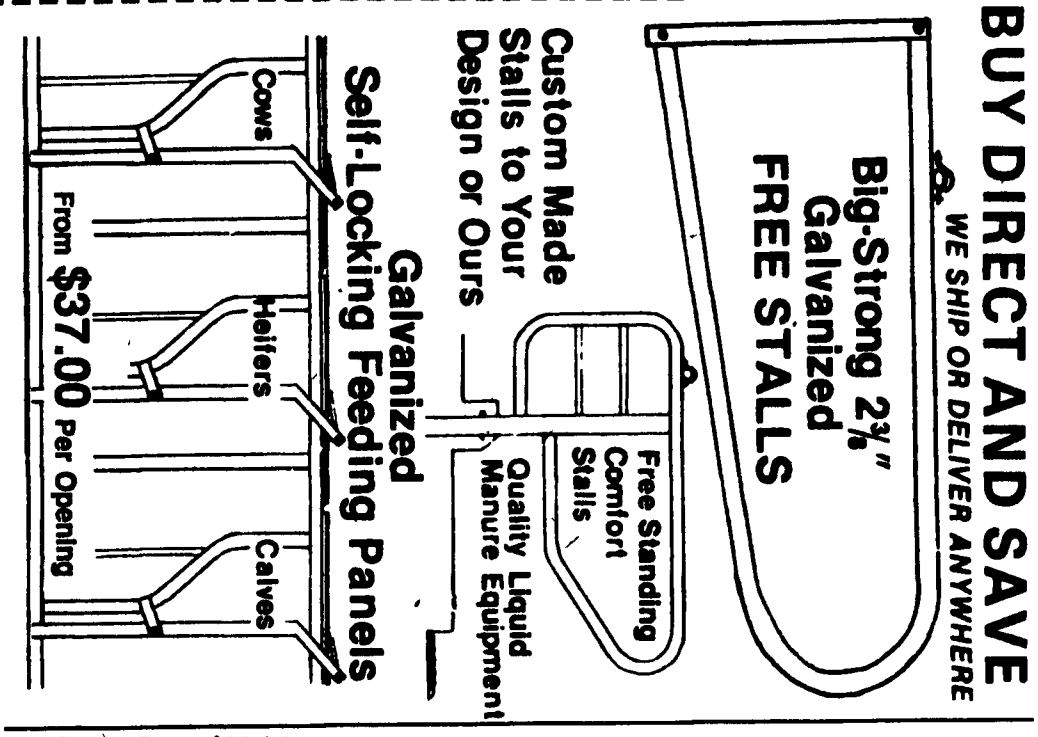

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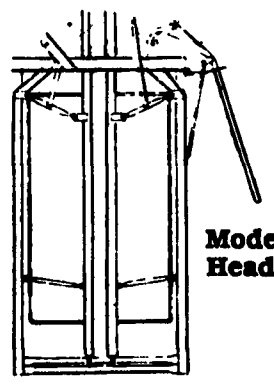
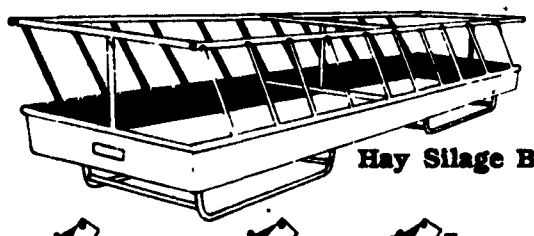
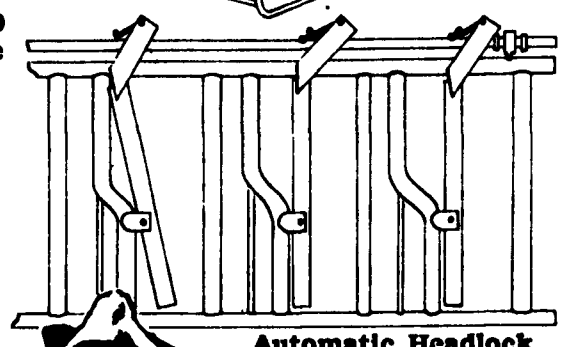


Model 100 Head Gate



Hay Silage Bunk



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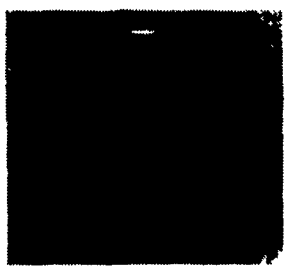
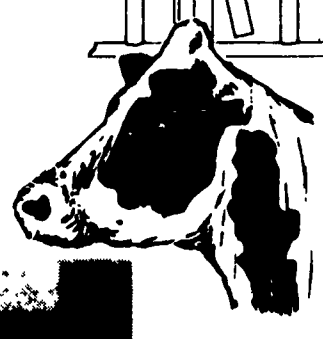


Squeeze Chute



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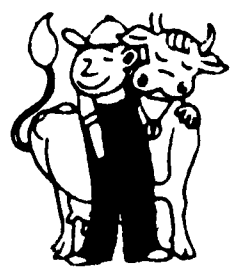

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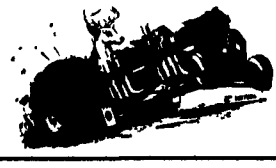

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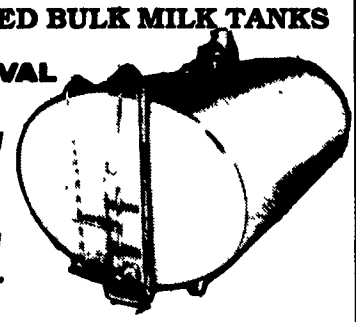

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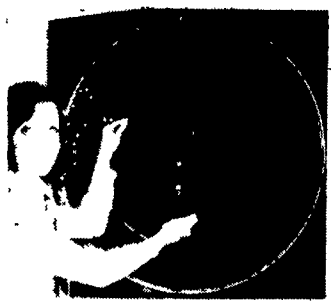

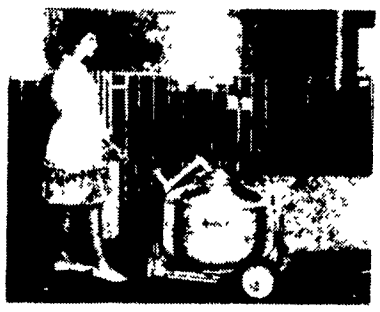

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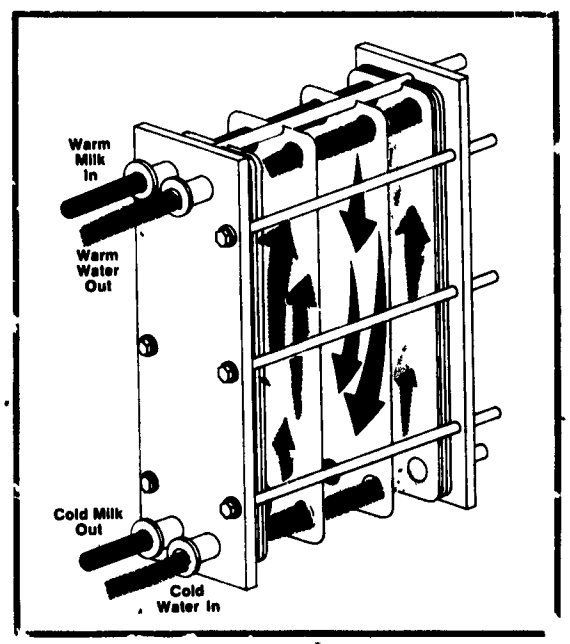

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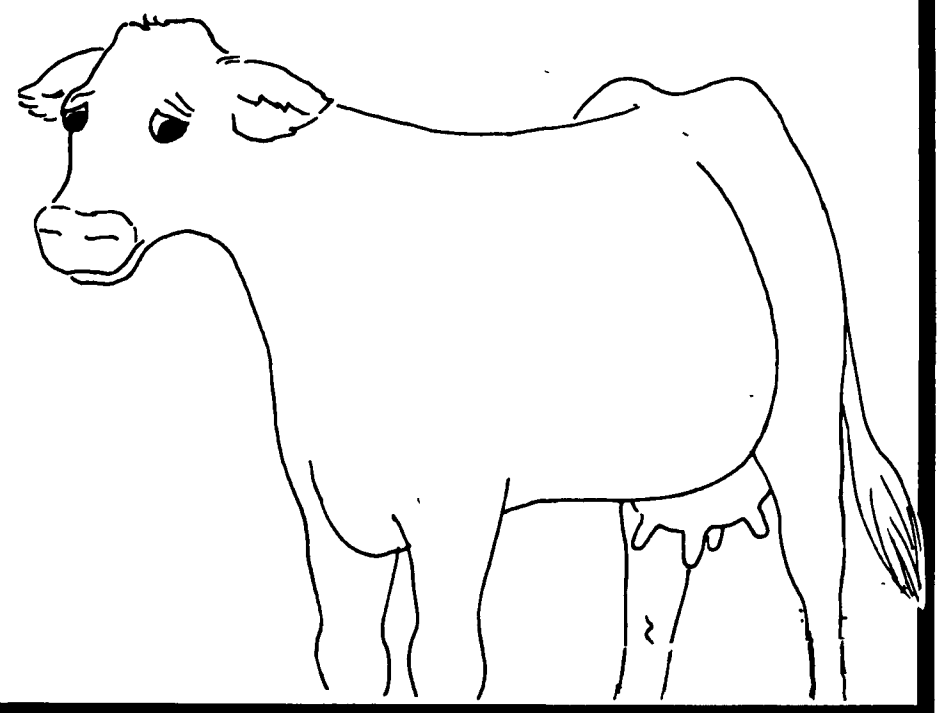

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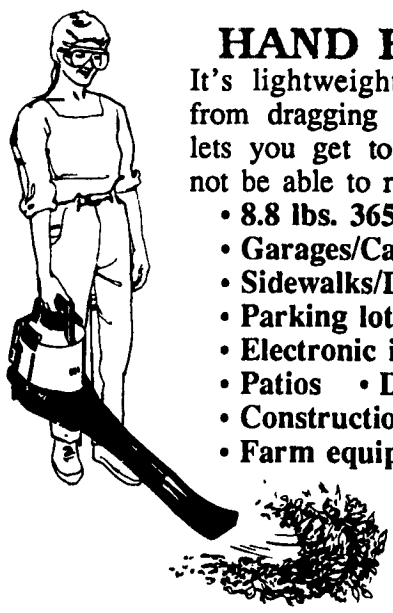

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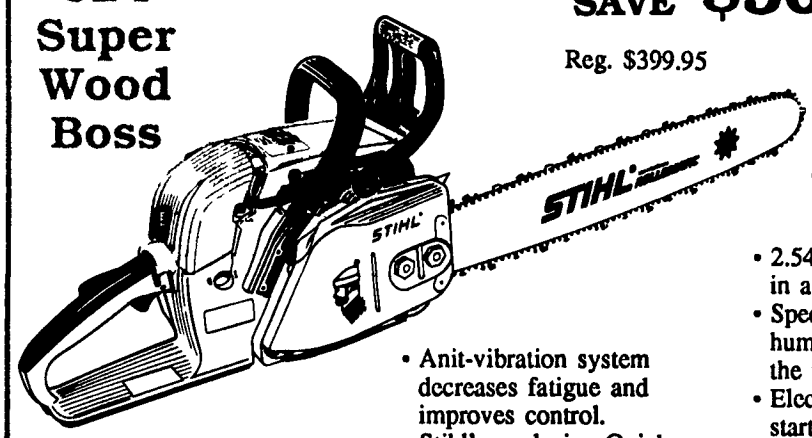

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Beef Briefs

by
John Comerford
Penn State
Beef Specialist

BEEF IMPROVEMENT FEDERATION MEETINGS

As one who is very interested in the application of technology to the beef industry, I was especially pleased with the information presented at the recent Beef Improvement Federation meetings. This organization is a rare blend of breed association representatives, university personnel, and producers who try to set the standards for the evaluation of beef cattle in performance testing programs, national cattle evaluation programs, and breed improvement programs.

The two topics of greatest interest this year were the use of ultrasound technology in the genetic evaluation of bulls and in the response to selection using EPDs for bulls for production of crossbred calves. Ultrasound technology is borrowed from human medicine and is a non-invasive (the animal is not cut open or probed) method of determining specific body composition including fat thickness, ribeye area and marbling score. It is fairly new to the industry, and many breed groups and commercial breeders would like to see some standards set for its use in genetic evaluations.

The desired procedure is to evaluate bulls as yearlings with ultrasound for carcass characteristics and use this information to predict the genetic potential with EPDs as you would for weaning weight or any other trait in a sire summary. While a certification program currently exists for the operation of the equipment, it is primarily used to estimate fat and ribeye size. Of course, many of the breeds are interested in these traits, but also have a great desire to have marbling score added. According to Dr. Jim Stauffer at Cornell, a leading authority in ultrasound technology for cattle, the equipment that is available to accurately measure marbling is not yet practical for widespread use with cattle. Secondly, Dr. Keith Bertrand at the University of Georgia, who is responsible for many of the statistical procedures in several breed evaluation programs, reported that there is little known about how the prediction of carcass traits for a bull will be related to those traits in steer progeny. Preliminary experiments have not shown the relationship to be accurate. Further, the need for some kind of standard to be set for these evaluations is paramount. This is reasonable when one remembers that characteristics such as the ration being fed, the age of the animal, and the weight of the animal will be both highly variable from one location to another and be very important factors in these traits.

Nothing was settled, except to reinforce the need for some more studies in the application of this technology to the industry. We here at Penn State are involved with that to some degree. While our objectives are not in the finer points of ultrasonic measurement, we are using it to determine slaughter points and in estimating whole body composition in the live animal.

Another topic of considerable interest is the use of EPDs in crossbreeding programs. Dr. Dave Notter from Virginia Tech evaluated hundreds of records from the crossbreeding project at Clay Center, Neb., and determined that, even with crossbred progeny, the response to selection using EPDs met very closely with expected values. For birth weight, it was extremely close. For weaning weight, the realized response was about 70 percent of what was expected. No good explanation could be made for this result. Even more surprising was that yearling weight was consistently higher than what was expected. No particular difference was found in the response from different breeds. The bottom line here is that the system appears to work very well, even when there are crossbred progeny.

The main concern was that there is no way to compare across breeds for sire selection. The EPDs generated in one breed really have no comparison with those in another breed, largely because they are variations off a different verage value for each breed. The result of the discussion was that there will be some effort made to get the different breeds compared based on a common base year. In this way the particular EPD of a bull of one breed will better, but not completely, describe how that bull compares to the average of his breed as well as how he compares with bulls from other breeds that are compared in the same base year.

All of these things are an evolutionary process. The important thing is that we now have a greater and more accurate amount of information to use in beef cattle selection. There is proof that the EPD works as a selection tool, and we will soon be able to expand that across breeds and to carcass traits as well.

PA BEEF EXPO

The first Pennsylvania Beef Expo will be held on the last week of March in 1990. This program will showcase the state's beef industry and will include such activities as the performance tested bull sale, shows and sales from several breeds and from breeders across the country, educational programs and symposia, commercial exhibits and trade shows, and the annual meeting and activities of the Pennsylvania Cattleman's Association. Mark your calendar now to attend the Expo. It will be a new and unique opportunity to show off the industry and its people!

FEEDER CALF HEALTH VIDEO

Dr. Tom Drake and I have just completed a video on feeder calf health. We looked closely at the causes of stress in feeder calves and how management and nutrition effect it. Sickness and death of feeders is a $330 million loss to the industry every year. Tom made some general and specific recommendations on treatment and vaccination programs that you may find useful. The tape is available through the Penn State video library and can be ordered through the local county extension office.

Youths Show Best Animals At Central Virginia Livestock Show, Sale

LYNCHBURG, VA — The ninth annual Central Virginia 4-H and FFA Livestock Show and Sale was held on Saturday, April 29, at the Lynchburg Livestock Market.

Sixty-five exhibitors between the ages of 3 and 18 showed 97 head of livestock.

Dr. Bruce Bainbridge of the Animal Science Department of Virginia Tech was the judge. Bainbridge started the day judging 12 market hogs. The top hogs of the day were shown by Amherst County 4-H'ers. The grand champion hog was shown by Scott Adams and purchased that evening by Dinner Bell Meat Products of Lynchburg. The reserve champion hog was owned by Lee Wright and purchased by Peaks Slaughter House also of Lynchburg.

The grand champion lamb was shown by a member of Jefferson Forest FFA in Bedford County. Joe Tibbs' 115-pound lamb was purchased by Owen's Market of Forest. The reserve champion lamb was shown by eight-year-old Bradley Massie of Nelson County and purchased by Luther Dodd of Rustburg Hardware & Farm Supply of Rustburg.

Scott Adams of Amherst had a big day when his two market steer entries took top honors in the baby beef competition. Scott's 1,330-pound Angus-cross steer was the grand champion steer. It was purchased by Dodd.

The reserve champion steer was purchased by T.D. Thornton of Crestwell Farm in Forest, Va.

The top ewe lambs were shown by Christopher Palmer of Halifax County. Both the grand champion ewe lamb and the reserve champion ewe lamb were purebred Dorsets.

The supreme champion heifer came from a field of 16 commercial and purebred heifers. Bainbridge chose Amy Campbell's commercial heifer as the top heifer of the day. Amy is from Nelson County.

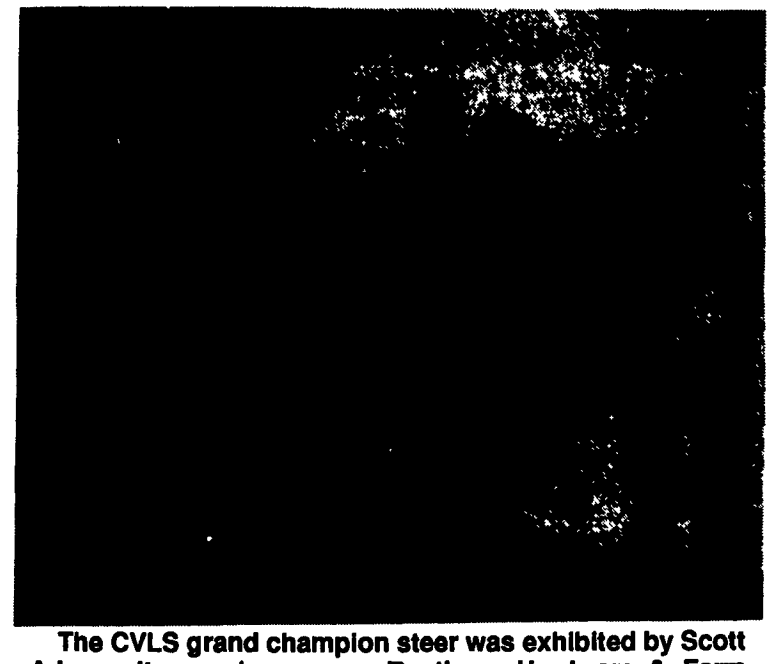
There were also classes for showmanship in all age groups. For exhibitors under nine years old, there is a poster contest instead of a record book class. The blue ribbon in the poster contest went to Jennifer Craig of Amherst County.

In the sheep showmanship class, Adam Goshorn of Bedford County won the under nine division. Anna Goshorn got the blue ribbon in the junior division. In the intermediate class, Jeanine Brochard, of Appomattox County was first. In the senior class the oldest Goshorn sibling was also the top winner.

In the showmanship classes for beef, Jessica Reed of Appomattox County was first in the junior class. Nelson County's Amy Campbell was the winner in the intermediate class and Bedford County's Keith Tuck was first in the senior division.

The carcass classes were judged on May 10 by Dr. Paul Graham and Dr. Robert Kelly of Virginia Tech. The top lamb carcass was shown by Carrie Housman of Bedford County. The first place beef carcass was shown by Scott Adams of Amherst County.

Record book winners were announced at the annual banquet on May 23 at Jefferson Forest High School.



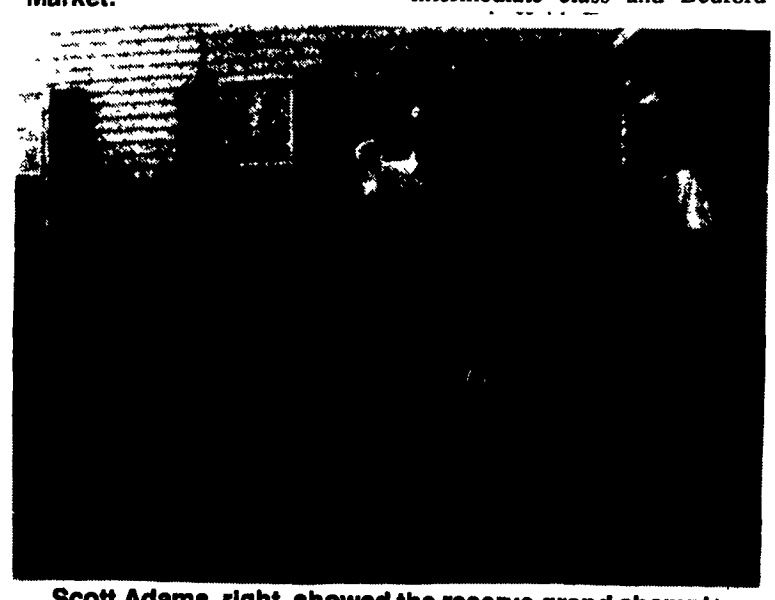
The CVLS grand champion steer was exhibited by Scott Adams. Its purchaser was Rustburg Hardware & Farm Supply.

Lee Wright, left, was the owner of the grand champion hog. Top bid for the animal was given by Peak's Slaughter House.

The reserve champion lamb was exhibited by Bradley Massie, right. His lamb was purchased by Rustburg Hardware & Farm Supply.

Joe Tibbs showed the grand champion lamb. It was purchased by Owen's Market.

The grand champion market hog was shown by Scott Adams, right. His hog was bought by Dinner Bell Meat Products.



Scott Adams, right, showed the reserve grand champion steer. With him is its buyer, representing Crestwell Farms.

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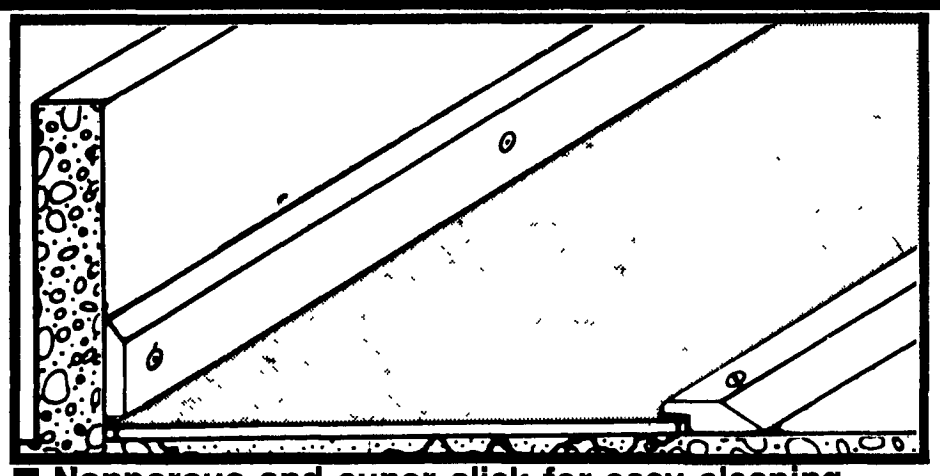

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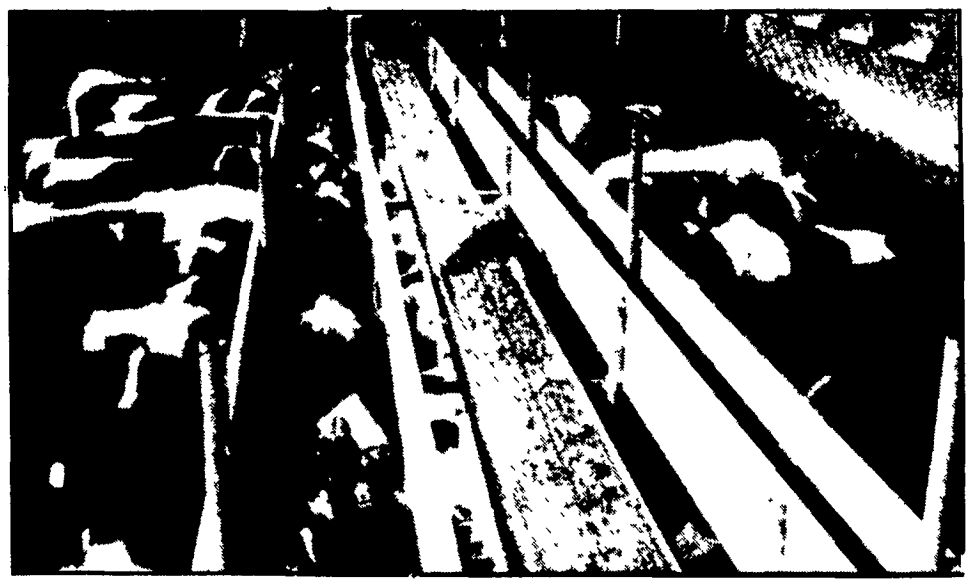

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Pork Producers Score In Countervailing Duty Case

DES MOINES, IA — The U.S. Department of Commerce made a preliminary ruling recently that Canadian pork product subsidies qualify to be addressed by a countervailing duty. The decision places a preliminary duty -- in the form of a bond -- on shipments of Canadian fresh, chilled and frozen pork products. The bond requirement went into effect May 5. The preliminary ruling set the bond at 3.5 cents Canadian or about 3 cents U.S. per pound of pork product.

The National Pork Producers Council (NPPC) and co-petitioners filed for the countervailing duty on subsidized Canadian fresh, chilled and frozen pork on January 5. The International Trade Commission (ITC) made a preliminary ruling in favor of U.S. pork producers on February 15. A final decision on the petition is expected by fall.

"The Commerce Department decision is another step toward reaching our goal of having fair trade between the United States and Canada," said NPPC President Don Gingerich. "We support free trade, but the playing field must be level. U.S. producers receive no pork subsidies, yet they have been competing against Canadian producers who received an equivalent of $31 a hog in subsidies last winter."

Because of trade inequities between the countries, a countervailing duty was placed in 1985 on subsidized live Canadian hogs. An attempt to extend that duty to Canadian pork products was not successful at that time U.S. pork producers expressed fears that Canadians would attempt to bypass the duty on live hogs by processing the animals into pork products and then shipping into the U.S. duty free.

According to the National Pork Producers Council, that is what has occurred. Canadians have increased their exports of pork products to the United States by more than 52% since 1984. Last year, approximately 470 million pounds of Canadian pork exports came into the United States.

Glenn Grimes, University of Missouri agricultural economist, calculated that pork imports cut U.S. pork producer revenues by as much as $3.37 per cwt. last year. Overall, the Canadian imports cost U.S. producers as much as $697 million in 1988. Gross revenue loss to meat packers is even higher.

These issues will be further studied before the case is completed. The Department of Commerce is holding a hearing on June 28 and is expected to make a final ruling in mid-summer. The ITC would then make a final decision by early fall.

Until the investigation process is completed, importers must pay the bond of 3.5 cents Canadian per pound on fresh, chilled and frozen pork brought into the United States from Canada. The bond will be held in escrow pending the final decision. If NPPC wins the case, a permanent duty will take effect and be retroactive to May, and the bond money will remain in the U.S. Treasury. Should the final ruling be against NPPC, the bond money will be returned to the importer.

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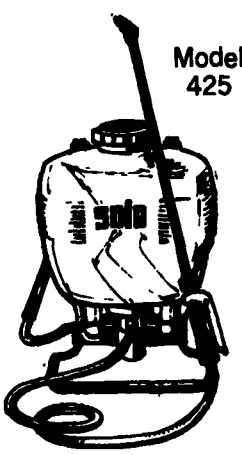

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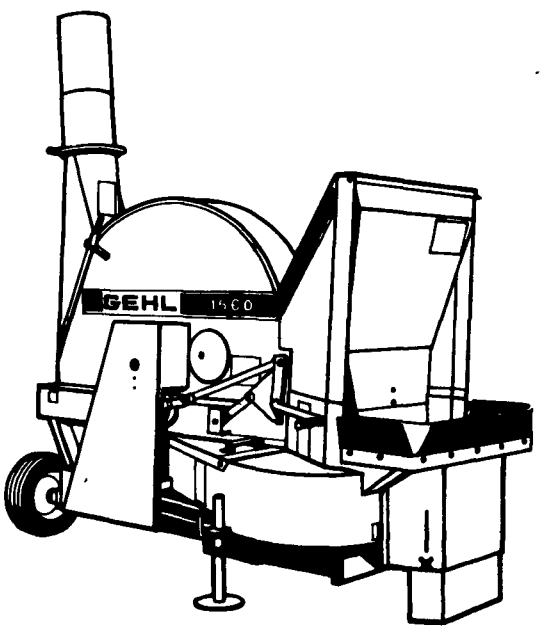

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Gettysburg Farmer Restricts Land Use

LATIMORE (Adams Co.) — The American Farmland Trust and conservation-minded landowners have worked together to permanently protect an Adams County farm from encroaching development.

The historic 75-acre Niven Farm, 15 miles north of Gettysburg, has produced apples since the early 1800s but is now under tremendous pressure from an expanding local population. While township zoning ordinances restrict some of its farmland to agricultural use, other parcels fall under high-density residential zoning, paving the way for housing development on the Niven Farm's apple orchards and corn, alfalfa and small grain fields.

Working with AFT, Katherine Niven and her husband, Thomas Cook, have agreed to place an agricultural conservation restriction, called an easement, on their property to limit its use to agricultural and related open space purposes. The easement, which will be held and monitored by AFT, ensures that the land remains available for agriculture forever despite the area's rapid residential development.

"The importance of these landowners' actions extends beyond their farm and community," AFT Pennsylvania field representative Ann Orth said. "It's a wonderful model for landowners across the state who want to secure a productive future for Pennsylvania's farmland."

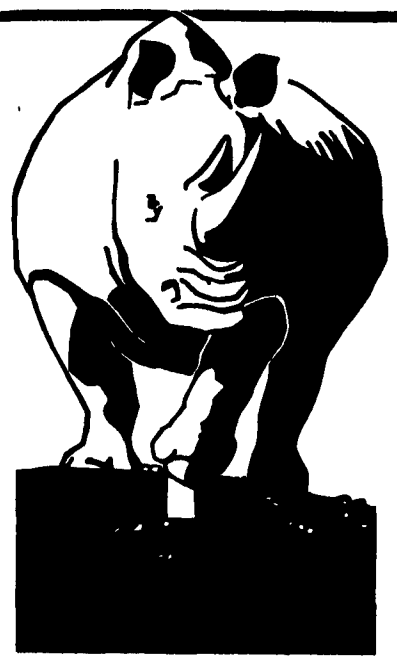
The Niven Farm sits in the rolling hills of Adams County, one of the state's top 10 agricultural counties, where local farmers have long raised apples, peaches, cherries and grapes. The farmhouse dates back to 1817 and is in the process of being listed on the National Register of Historic Places.

"The landscape of my farm looks very much like it did 150 years ago," Niven said. "I want to ensure that the land remains in its best use — agriculture."

The action on the Niven farm comes during a critical period for Pennsylvania's imperiled agricultural land. State research shows that about 90,000 acres of productive farmland — an area equivalent to the size of Pittsburgh — are being lost each year. In Adams County, farmland has often been paved over for new housing, as nearby Gettysburg expands and commuters from Harrisburg, Baltimore and Washington settle in the area.

The American Farmland Trust, which opened an office in Pottstown a few months ago, plans to expand its land-saving work in Pennsylvania. AFT representatives will work with government officials, private groups and individuals to help implement state farmland preservation efforts, including Pennsylvania's new purchase of development rights program for which voters approved $100 million in 1987.

Ride the Rhino



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The Model 2170 offers a cutting width of 9 feet 3 inches, and the Model 2140 cuts a 7-foot swath. The mainframe on both models is a structural beam of outstanding strength and durability.

"The cutterbar, too, is exceptionally strong, and our 3-point flotation system is very responsive to changes in ground contour to minimize guard and sickle damage," commented Phillips.

Simple design, easy adjustments, lower maintenance, and less wear are the features of the 2170 and 2140 mower conditioners.

For more information, contact Richard Burckardt, marketing services manager, the Gehl Co., West Bend, IN 53095; 414/334-9461.

BUSINESS NEWS...

Ted Strychalski, left, and Bill Guhl of W&J Dairy Sales of Oxford recently accepted sales awards from Bou-Matic on behalf of their company.

W&J Dairy Sales Wins Bou-Matic Awards

MIAMI, FL — W&J Dairy Sales of Oxford received sales achievement awards for highest sales increase, highest sales volume and sales over forecast for Bou-Matic District #34 at the 1989 International Bou-Matic Dealer Meeting here last month.

"It's award-winning dealers like W&J Dairy Sales who have made sales growth the continued success of Bou-Matic products possible," said Dr. Paul Thompson, president of Dairy Equipment Co. "Their skill and dedication in marketing, installing, and servicing our products have been vital in building Bou-Matic's reputation for excellence in milking equipment among dairy operators around the world."

The Bou-Matic product line includes innovative dairy farm milking, cooling, and on-farm management information systems that emphasize healthy and efficient milking. The company, based in Madison, Wis., honors the sales leaders in its 18 North and Central American sales districts annually.

Elanco Okayed For BST Sales In Czechoslovakia

INDIANAPOLIS, IN. — Elanco Products Company, a division of Eli Lilly and Company, today announced a second registration for Optiflex™ (somidobove, Elanco), the trade name for Elanco's bovine somatotropin (BST). This registration in Czechoslovakia follows by just a few weeks the company's registration of Optiflex in the Soviet Union, which was announced on May 3.

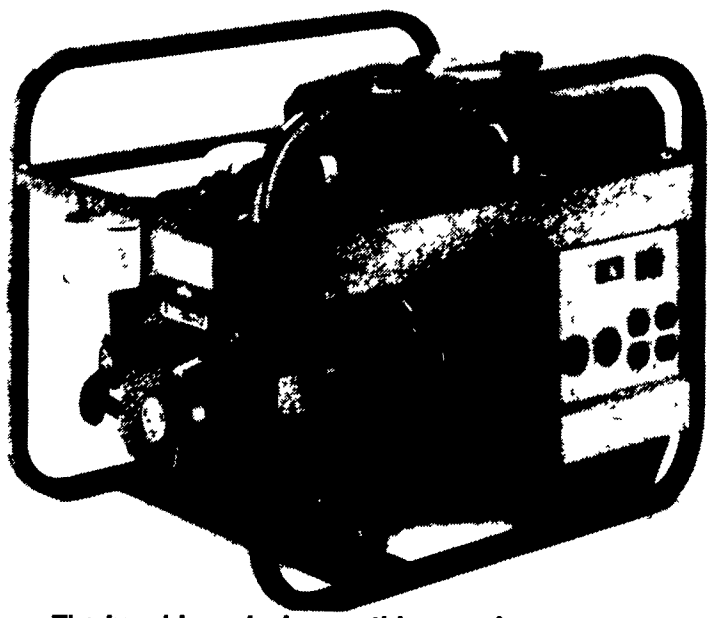
Czechoslovakia has approximately 1.8 million dairy cows that produce 6.8 million metric tons of milk annually. Optiflex is meant to be used as a management tool to improve both milk yields and the efficiency of milk production, resulting in overall lower costs to the dairy farmer.

The Optiflex registration was granted by the Czechoslovakian Ministry of Health after local research trials were completed successfully. The trials, which began in 1987, were under the direction of the state veterinary department of the Central Institute for Agricultural Research and Control. Favorable results were obtained from 25 separate commercial farms under normal farm conditions.

More than 2,000 cows received Optiflex during the testing in Czechoslovakia. Results of these trials have shown that the product is safe and effective. When 640 mg was administered at 28-day intervals, milk yields increased by 15 percent and feed efficiency by approximately 6 percent. (Nutrient requirements per kilogram of milk were reduced by 9.1 percent for dry-matter content, 7.5 percent for digestible N-content, and 7.4 percent for starch value.) During the trials, BST had no adverse effect on the health of the cows, with the control group maintaining the same body condition. Milk quality was not affected by the use of Optiflex.

BST is a protein produced naturally by the pituitary glands of all cattle. Trace amounts of BST occur naturally in milk, and the levels are not affected by the administration of BST to cows. Extensive research in the U.S. and Europe has shown that BST is not active in humans, is destroyed by pasteurization, and is broken down by the gastrointestinal tract in humans if swallowed. Therefore, use of BST in cows represents no risk to humans, has no harmful effect on cows, and does not affect milk taste or quality.

Eli Lilly and Company currently sells several of its human pharmaceutical and agricultural products in Czechoslovakia. Optiflex will be sold through the company's current business channels.



The brushless design on this generator means cleaner operation and lower maintenance.

Katolight Offers Brushless Portable Generators

MANKATO, MN — Katolight Corp. introduces its new "brushless" line of portable generator sets. The advanced brushless design means cleaner operation and lower maintenance. The standard circuit breaker protection prevents damage from overload to alternator or load. It is American made, with 100 percent copper windings for added durability and years of performance.

The new brushless design is offer in the economy-priced Power One series as well as the Power Plus series designed for the rental/construction markets. The Power One series includes models ranging in size from 2.8 kw through 6 kw, while the Power Plus series ranges from 2.8 kw through 9.5 kw.

For more information, contact Katolight Corp., Ag Sales Dept., PO Box 3229, 3201 Third Ave., Mankato, MN 56001; 800/325-5450.

Thin Cow Syndrome Robs Production, Profits

QUINCY, IL — A nutritional problem known as Thin Cow Syndrome is becoming more prevalent in today's high-producing dairy herds. The disorder, resulting from excessive weight loss, can lead to decreases in milk production, reproductive failure and leave cows more susceptible to mastitis, ketosis and other metabolic diseases.

Thin Cow Syndrome is most critical for cows during the first 90 days of their lactation. During this time, cows cannot consume enough feed to keep up with increasing milk output. As a result, cows begin to draw on their own body reserves to supply nutrients during peak milk production.

Improved genetics have developed cows with fierce physiological drives to produce large quantities of milk during early lactation, according to Dr. Richard Goings, a Moorman Manufacturing Co. marketing specialist for dairy. It is no longer uncommon to find high-producing cows with annual production records of 25,000 to 30,000 pounds. In fact, the drive to produce milk is so strong that cows actually will pull energy from their bodies before they will decrease milk production. Thus, they begin losing body weight at a fairly rapid pace, up to two to three pounds per day in some cases. If cows lose an excessive amount of body weight, an internal mechanism is activated which blocks any further weight losses. The mechanism kicks in at different time in different cows. But when it does, milk production begins to drop.

In addition to milk losses, thin cows are more prone to reproductive failure, mastitis, and nutritional disorders such as ketosis and milk fever. Dramatic weight changes may lower the reproductive efficiency of your high-producing females. Thin cows are less likely to conceive, which lengthens calving intervals, says Dr. Leo Timms, a dairy extension specialist at Iowa State University. Extreme changes in physical condition may cause cows to experience silent heat, or skip a heat cycle completely.

Repeated university studies show for every day a cow remains open beyond 100 days post-

(Turn to Page D8)

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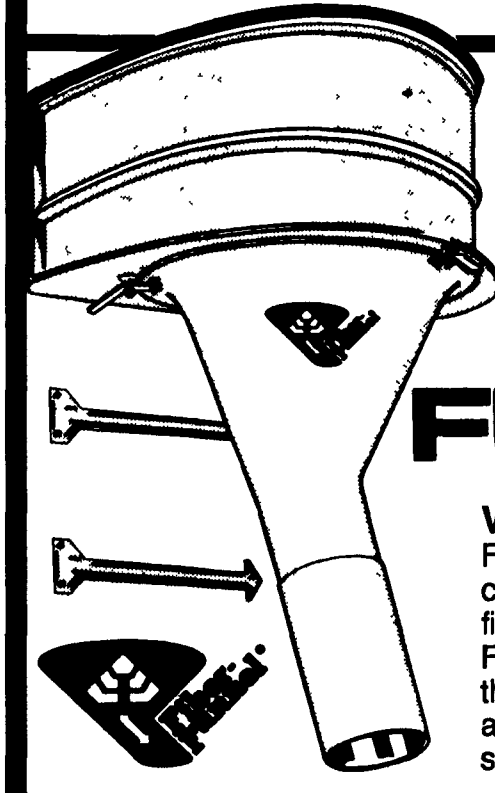

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Thin Cow Syndrome

(Continued from Page D6)

freshening, it costs producers $1 in potential milk production and calf losses the following year. After 120 days beyond freshening, the cost increases to $3 per cow per day. With even five cows remaining open beyond 120 days, that's $15 per day.

Nutrition during early lactation is critical, but Timms reminds producers that nutrition during the dry period is just as important. He suggests that producers pay close attention to the 50- to 60-day dry period prior to freshening. During this time, proper nutrition including a good mineral supplementation program is critical. Dry cows in good body condition are less likely to experience calving difficulties, mastitis, ketosis or milk fever. In addition, they are more likely to produce large, healthy calves. During the second through the fifth week of the dry period, MoorMan's® recommend feeding grain according to body condition. Producers should gradually increase grain to equal one percent of the cow's body weight about two weeks prior to freshening. Lead feeding helps prepare the cow's rumen for the increased level of feed she will consume during the early lactation stage.

After a cow freshens, Goings recommends gradually increasing grain to a level slightly ahead of the production requirement. This challenges cows to reach their maximum production levels during early lactation. Goings also suggests feeding high-quality forages at a level of ½ to 2 percent of body weight. The complete ration, including a protein supplement, should provide 18-20 percent crude protein.

According to Dr. Mike Hutjens, a dairy nutritionist at the University of Illinois, one way to ensure high-producing females receive the protein and energy they need is to use a supplement which includes multiple-source proteins and bypass fat. This provides a densely concentrated supply of nutrients on a relatively low volume of feed.

"Most cows can not consume enough volume of grain or forage to obtain the energy they require for high production," says Hutjens. "By adding fat, a producer can increase density without increasing volume." Straight fat has about 2 to 2½ times the energy equivalent of shelled corn.

Hutjens recommends adding the following to the total ration up to two pounds per cow per day of supplemental fat; one pound of "protected" fat such as an encapsulated fat product and one pound of "unprotected" fat such as animal fat or an oilseed source. Adding higher amounts of fat without adequate levels of protein can upset the balance in the ration. Hutjens also warns that some unprotected fat products, such as liquid oils, can disrupt digestion because the fat particles coat the feed particles. This action prevents microorganisms from breaking down nutrients inside. Also, some forms of unprotected fat may cause storage or handling problems.

A new supplement, MoorMan's Mintrate® TLC, provides both ample levels of protected bypass fat and multiple sources of protein. The key is soybeans. A special processing method heats the soybeans, encapsulating the natural fatty oils within the soybean matrix. Therefore, fats can't surround other feed particles and inhibit digestion. The beans are further processed and mixed with other protein sources such as linseed meal, cottonseed meal, soybean meal, plus minerals and vitamins.

This combination of natural bypass fats and proteins allows longer lasting energy availability. Bypass fats and proteins pass through the rumen to the small intestine where they are broken down and made directly available to the cow. Meanwhile, rumen microorganisms digest other protein sources in TLC, along with forages. This process creates a continuous nutrient supply.

MoorMan research trials have consistently shown that high-producing cows stayed in better physical condition without suffering from Thin Cow Syndrome when fed TLC during early lactation. In addition, high-producing cows increased milk production by five to six pounds per cow per day compared to other available supplements. That calculates into an extra 1,250 to 1,500 pounds of milk per cow per lactation cycle.

Thin Cow Syndrome doesn't have to rob your high-producing females of higher milk production and greater profits for your farm. By providing top producers with a dense package of supplemental nutrients, they'll lose less weight and be able to reach their production potential during early lactation. For additional information, contact your local MoorMan representative.

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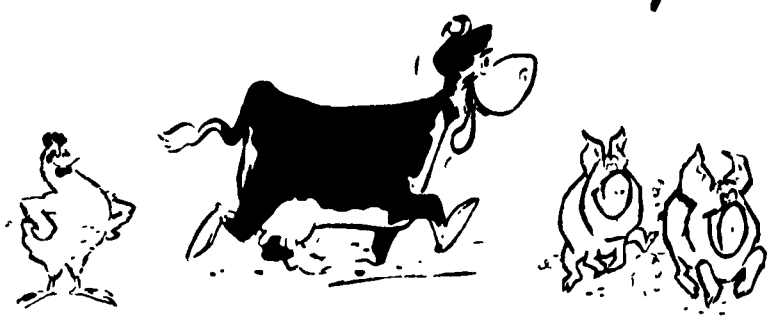

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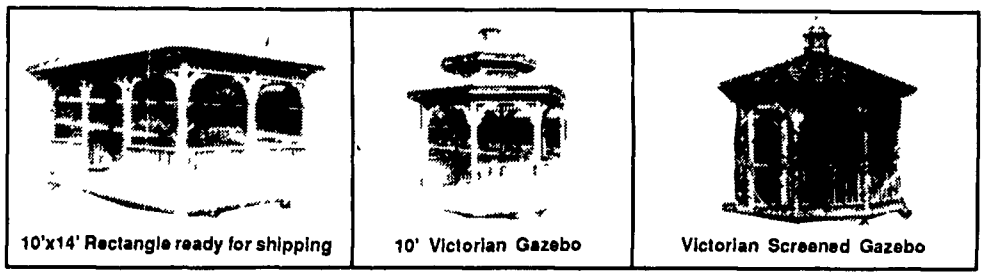

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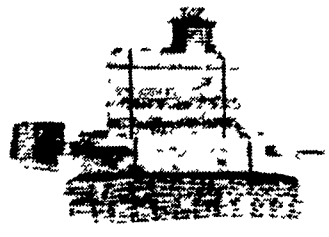

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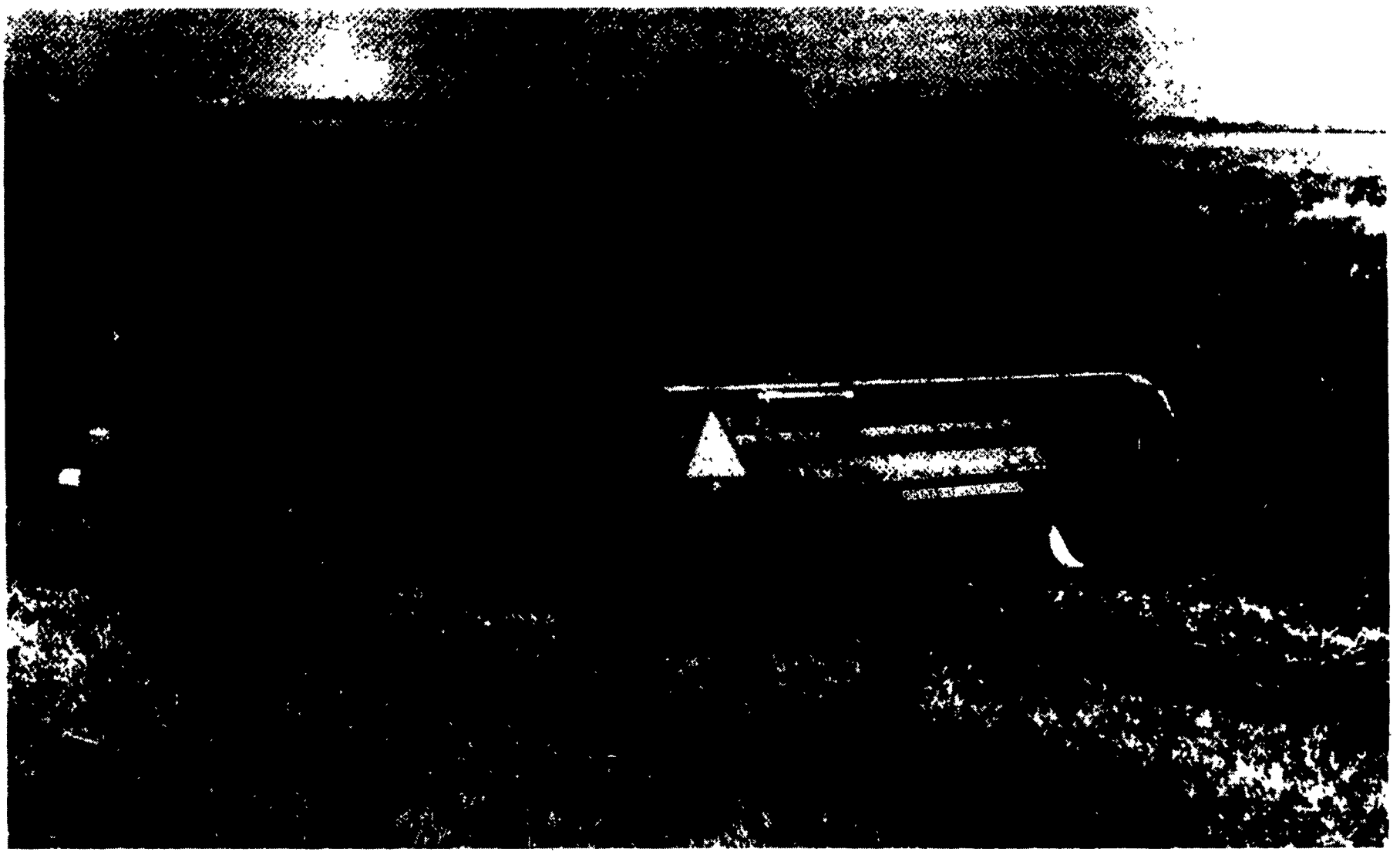

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Case IH Introduces Flat-Fold Chisel Plows

RACINE, Wisc. — Case IH has introduced flat-fold versions of its 5600 and 5700 Series chisel plows. The increasingly popular flat-fold design offers reduced width and height for easier transport and storage.

The new models also incorporate the level-lift features previously available only on larger Case IH chisel plows. With the self-leveling hitch, every flat-fold chisel plow features automatic fore and aft leveling at all working depths.

The 5600 and 5700 Series flat-fold chisel plows are designed to improve soil structure, break up compaction and reduce wind erosion in heavy primary tillage, light subsoiling or secondary tillage applications. The plows are available in six widths ranging from 17 feet (5.18 m) to 27 feet (8.22 m), and can work up to 11 inches (279 mm) deep (depending on soil conditions).

Both wings fold over and lay flat so the implement can be easily stored in sheds, pass under overhead lines during road travel and avoid the cluttered design common to most vertical-fold models. A convenient hydraulic control is used to raise and lower the wings. The transport width is 14 feet (4.27 m).

To set the self-leveling hitch, the operator uses a single mechanical handcrank, eliminating the jacking and jockeying common to other chisel plow hitches. Once set, the Case IH self-leveling hitch keeps all ranks level, fore and aft, at any depth setting to provide exceptional working depth accuracy. This feature is particularly valuable when using a chisel plow with an air seeder for seeding or deep-banding fertilizer.

Each wheel of the Case IH flat-fold chisel plow has its own hand-operated leveling crank, making it easy to achieve precise and uniform depth settings. Master and slave cylinders are totally retracted during operation so the unit rides on positive, mechanical stops instead of oil. This assures uniform depth and increases cylinder reliability.

All 5600 Series flat-fold chisel plows are equipped with exclusive Case IH high-lift, cushion-spring shanks that are designed to resist bending and breakage. They provide a vertical obstacle clearance of 7.7 inches (196 mm).

The 5700 Series plows are furnished with 32-inch (813 mm), high-lift, high-clearance shanks that handle heavy trash exceptionally well. Their cushion-spring design allows vertical clearance of 8.4 inches (213 mm) to clear obstructions.

Case IH now offers flat-fold versions of the 5600 and 5700 series chisel plows. The flat-fold design's reduced width and height provide easier transport and storage. The plows are available in six widths from 17 to 27 feet.

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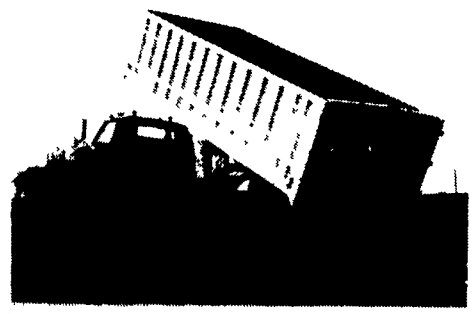

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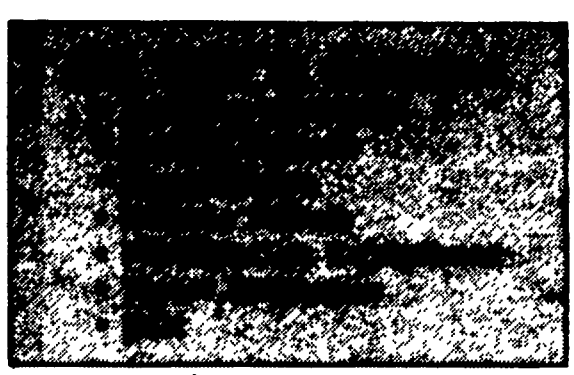

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Int. Harv.	150,155,160	293.91	367.73	
Int. Harv.	530	261.76	317.92	330.22
Int. Harv.	550,555	353.15	428.56	440.48
Int. Harv.	570,575	276.8	332.04	362.96
Int. Harv.	595	352	426.16	457.63
John Deere	34	POR	POR	POR
John Deere	40	290.92	351.6	365.34
John Deere	54	—	478.00	—
John Deere	680	393.17	459.38	484.51
John Deere	680	355.63	432.44	466.05
Kasten	175	331.65	385.44	411.56
Kasten	250	412.78	486.72	512.36
Kasten	270	391.28	455.76	484.2
Kasten	325,400	471.45	558.92	585.00
Knight	180	316.95	381.68	392.05
Knight	250,252	391.28	459.52	484.2
Knight	350	291.56	348.8	378.94
Knight	500,510	350.59	418.34	451.95
Knight	650	412.5	496.86	535.02
Massey Ferg.	160	293.98	352.34	369.1
Massey Ferg.	205	POR	POR	POR
Massey Ferg.	721	338.24	409.86	422.7
Meyers		POR	POR	POR
Miller	235,2140	367.97	430.12	POR
New Holland	300-336	POR	POR	POR
New Holland	510,511,512	290.11	348 52	360.15
New Holland	513,514	299.02	358.80	369.55
New Holland	516,517,518	347.31	420 92	435.69
New Holland	419,520	358.01	433.16	446 98
New Holland	675,676,677	460.76	546.60	573.45
New Holland	679,680	475.01	562.44	588 50
New Holland	790,791	528.15	620.96	644.59
New Holland	795	356 21	430 00	463 11
New Holland	800	362 69	437.48	469 95
New Idea	212	271.98	326.28	342 29
New Idea	213,217	324.98	394.72	410.73
New Idea	214	377.95	447.24	478.14
New Idea	218,244	429.42	484.06	527.92
New Idea	224,245	491.69	557.72	558 55
New Idea	355	363 34	451.18	484.14
New Idea	360	270 02	322.52	338.33
Patz	181	329.49	400.52	416.88
Patz	350	474.52	558 18	586.19

FEED WAGON CONVEYOR CHAIN

MAKE	MODEL	APRON PRICE STEEL DETACH	APRON PRICE PINTLE CHAIN	PRICE STEEL DETACH CROSS CONVEYOR CHAIN	PRICE PINTLE CROSS CONVEYOR CHAIN
A-C		POR	POR	—	—
Artsway	17142-0	316.29	424.35	—	—
Badger	BN23 16'	POR	POR	123.86	201.30
Badger	BN24 18'	326.53	437.97	POR	POR
Badger	BN950 14'	POR	POR	POR	POR
Balzer	6516	276.91	37129	POR	POR
Danco	16'	320.67	428.36	108.31	184.28
Dion	14'	312.40	419.83	—	—
E-Z	716	—	—	101.88	172 38
Fox	WB 16A	POR	POR	POR	POR
Fox	325	POR	POR	POR	POR
Fox	625	307.81	414.79	POR	POR
Gehl	80,81,82	272.70	367.46	POR	POR
Gehl	83,84,86	272.70	367.46	POR	POR
Gehl	610,620,630 640,16'	312.93	420.79	POR	POR
Gehl	700,710,810	285.66	381.14	POR	POR
Gehl	910,920,940, 960,14' 970 16'	320.05	410.82	POR	POR
H&S	500 16'	309.04	416.08	POR	POR
Heston	7322 16'	317.81	425.13	POR	POR
Int. Harv.	51 16'	426.54	540.11	129.12	222.46
Int. Harv.	105,110, 16'	308.73	415.76	—	—
Int. Harv.	120,14'	279.61	374.15	—	—
Int. Harv.	130,15'	288.36	383.31	—	—
Int. Harv.	61	286.52	384.88	—	—
J. Deere	110	508.53	590.66	115.76	199.36
J. Deere	112,122	227.64	306.98	129.12	222.46
J. Deere	115,125	281.39	378.12	129.12	222.46
J. Deere	214, 14'	270.70	364.74	146.72	248.18
J. Deere	216 16'	307.51	414.47	146.72	248.18
J. Deere	714	277.72	372.15	146.72	248.18
J. Deere	716	315.46	422.86	146.72	248.18
Kasten	20 14'	272.59	366.74	—	—
Kasten	Pwr. Box 16'	309.65	416.73	—	—
Knight	14-7	236.61	316.79	118.67	197.70
Lamco	Rex 14'	282.58	POR	96.93	164.84
May. Ferg.	23 14'	POR	POR	POR	POR
Meyers	516	325.58	431.34	POR	POR
Miller	Pro 2150	285.50	381.24	POR	POR
NH	3	153.45	309.10	136 36	226.76
NH	6	273.48	369.13	110.84	160.32
NH	8	314.55	421.90	113.54	185.92
Papec	140	279.50	377.45	—	—

FORAGE BOX CONVEYOR CHAIN

MAKE	MODEL	PRICE MAIN CONVEYOR CHAIN	PRICE ELEVATOR CONVEYOR CHAIN	PRICE CROSS CONVEYOR CHAIN
Agrimetal	525	66.00	NO	57 00
Agrimetal	530CC	74.10	NO	45 00
Agrimetal	542CC	68.00	NO	52 00
Agrimetal	760CC	90.00	NO	57 00
Agripack		238 04	NO	NO
Artsway	155	464.80	NO	NO
Artsway	700,800	1670.00	NO	NO
Artsway	750,850	1887.00	NO	NO
Butlr Jamsway	180,230	NO	NO	294 50
Butlr Jamsway	280,320	NO	NO	297 50
Butlr Jamsway	370,420	NO	NO	297 50
Butlr Jamsway	330,3340	NO	NO	POR
Butlr Jamsway	380,460	NO	NO	297 50
Butler Jamsway	400,465,530	NG	NO	299 60
CSF	FL,FLHS	120 80	NO	NO
CSF	FIN	100.60	NO	NO
CSF	GI	83 60	NO	NO
Clay	Ranger Mangr	125 50	NO	47.75
Farmhand	F44A,210	342.00		325.00
Farmhand	F47A,220	342.00	486 00	NO
Gehl	135	POR	POR	POR
Gehl	170	NO	NO	132.50
Gehl	190,191	398.00	392.00	NO
Gehl	280,320	NO	NO	132.50
Gehl	7190,7210	NO	NO	197.50
Gehl	7285,7335	NO	NO	197.50
Gehl	7435,7500	NO	NO	197.50
Grain-O-Vater	55	POR	NO	POR
Henke	Kwikmixer	NO	NO	148.50
Int. Harv.	200	1670.00	NO	NO
Int. Harv.	300	1870.00	NO	NO
John Deere	410	POR	NO	POR
Kelly Ryan	BIG Bagger 8',9'	NO	NO	176.00
Kelly Ryan	2W-80,86 AG-PAC	POR	NO	176.00
Kelly Ryan	4x10,12	POR	POR	POR
Kelly Ryan	5x12,14	POR	POR	POR
Kelly Ryan	140,190,250	POR	POR	POR
Koehring (Fox) (Fox-Brady)	512 546	396 00 398.00	410.00 NO	NO NO
Knight	LA9C, BA12 BA14,BA16	NO	NO	199.50
Mohrlang	MTR 320	POR	POR	POR
Papec	1708	POR	460 00	POR
Schuler	100	390 00	522 00	NO
Schuler	105	420 00	526 00	NO
Schuler	120	415.00	522 00	NO
Schuler	125	548 00	526 00	NO
Schuler	170	504 00	552 00	NO
Schuler	175	776 00	526 00	NO
Schuler	260	942 00	666 00	NO
Schuler	400	1149 00	666 00	NO
Schuler	500	1349 50	666.00	NO
Schwartz	130	POR	398 00	NO
Schwartz	180	POR	POR	NO
Schwartz	191	POR	POR	NO
Schwartz	750,950	NO	NO	206 00
Schwartz	760,780	NO	NO	298 00
Schwartz	780L	NO	NO	253.00
Schwartz	780S	NO	NO	206.00
Schwartz	880	NO	NO	255 00
Uebler	650	POR	NO	66.00
Uebler	770	POR	NO	64 00
Uebler	780,781	91 50	NO	64 00
Uebler	790	POR	NO	62 50
Uebler	808	78 50	NO	NO
Uebler	810	79 75	NO	NO
Uebler	812	88 50	NO	NO
Uebler	818	175 00	NO	NO
Uebler	820	298 00	NO	NO
Uebler	822	364 00	NO	NO
Van Dale	185	POR	NO	169.50
Van Dale	210-500	NO	NO	196 60
Weaverline	323,420	68 50	NO	NO
Weaverline	330,424	84 50	NO	NO
Weaverline	430	68 50	NO	NO
Wic	32	POR	NO	POR
Wic	45-03-88	348.00	NO	NO
Wic	45-08-86	85.00	NO	POR
Wic	45-09-86	74.00	NO	POR
Wic	52	170 00	NO	POR
Wic	07-88	182.00	NO	NO

ROLLER CHAIN

Chain No.	Riv.	Cot.
35	.83	—
40	.83	—
50	1 37	—
50H	2.43	—
60	1.86	$3.71
60H	2.13	4.61
80	3.39	4.58
80H	5.61	6.66
100	5.83	6.89
120	8.16	9.60

NH UPPER BALER CHAIN

MODEL	PRICE
845	$364.58
846,847	382.79
849	522.75
850	605.01
851,852	428.01
855	972.53

STEEL DETACHABLE CHAIN

CHAIN NO.	PRICE FT.
25	$1.06
32	1.10
32W	1.20
42	1.20
50H	1.30
55	1.27
62	1 79
67H	2.43
67XH	3.09
70	2.64
88	2.98
S	2.52

NN FLOOR BALER CHAIN

MODEL	PRICE
845	$52.40
846,847	58.98
850	85 22
851,852	71.93

T-BAR CHAIN & T-ROD CHAIN

MODEL	PRICE
T67 Plain	$.85
T-67 Attach	1.86
T-88 Plain	1.46
T-Rod Plain	.80

PINTLE CHAIN

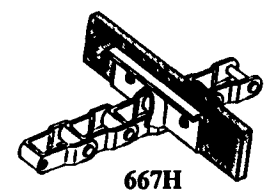
CHAIN NO.	PRICE
205	$3.06
662	3.70
667H	3.60
667J	5.80
667K	7.22
667KC	8.98
667X	5.26
667XC	6.26

GATHERING CHAIN

MAKE	MODEL	PRICE
JOHN DEERE	243,244,343 344,443,444, 543,546,642, 643,644,645, 842,843	$25.20
IH	All 800 Series	25.20
New Idea	723-726	40.49
	843-846	35.10
Massey Ferg.		30.18

AGRICULTURAL ROLLER CHAIN

CHAIN NO.	PRICE/FT.
A550	4.48
A555	4.48
A557	5.67
A620	5.29
CA550	4.48
CA551X	8.26
CA555	4.48
CA557	5.67
CA620	5.06



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Ford Tractor Features Electronic Hydraulic Control

NEW HOLLAND (Lancaster Co.) — The Ford Model 8210 tractor features the new Electro-Link™ hydraulic control to provide quicker, smoother response to match field conditions. The electronic sensing is built into the lower lift links of the 3-point system providing the same draft-control capability for mounted and semi-mounted implements, according to John Oehler of Ford New Holland. This makes the tractor more efficient, he explains.

Both "drop rate" and draft control are adjusted by console-mounted dials. The console also features a digital monitor that shows linkage position to provide implement working-depth reference. The electronic control also provides more precise drop rate control. External fender-mounted switches let the operator adjust lift arm position to simplify implement hook-up.

The result is a tractor that's easier to drive and that will work more efficiently. The 95 PTO horsepower and standard front-wheel assist make it a good choice for heavy-duty forage harvesters, large grinder-mixers and tillage work. The "8210" is available with or without cab.

New Electro-Link hyraulic control on the Ford 8210 tractor provides draft control weight transfer for both mounted and semi-mounted implements. The system makes the tractor more efficient and easier to operate.

Agri-Systems Introduces New Mixers

OXFORD, PA (Lancaster Co.) — US AGRI-SYSTEMS announces a new concept in mixers for total feed rations. The desirability of farmers supplying their cattle with a total mixed ration is generally accepted as a good management practice.

This latest concept in state of the art feed mixing combines the low power requirements of a tumble mixer and the speed of a chain conveyer. The Agri-Mixer uses a small electric motor to power a double barn cleaner type chain connected to heavy cross slats. This chain and slats travel in a round bottom hopper that acts to rotate the feed as well as lifting the feed upward to the exit door. The discharge door is located high, thus eliminating the need for conveyors to get the feed into silage carts.

Electronic one-point scales are available as n option. During the mixing process, a simple press of a button will give you the individual or total weight of the ingredients. The scale an be combined with a computer to simultaneously and automatically controls the start-up and shut-down of all the following: unloader, conveyer, grain auger, roller mill, mixer, hay chopper, etc.

The Agri-Mixer is available in 4 models to fit the needs of any size operation: 50 bushels, 80 bushels, 120 bushels, and 200 bushels.

Descriptive literature is available by contacting US AGRI SYSTEMS, 3053 Barren Road, Oxford, PA 19363; 800 222-2948.

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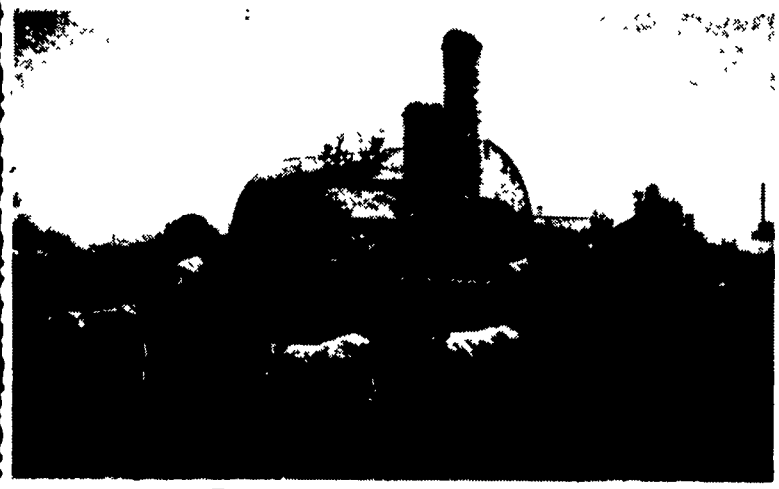

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Reduce Herd Health Problems

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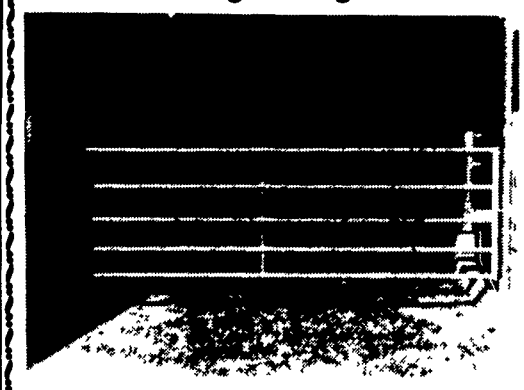
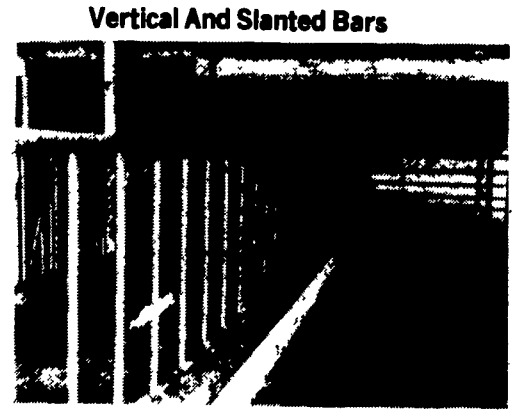


FEED THRU FENCING
Vertical And Slanted Bars



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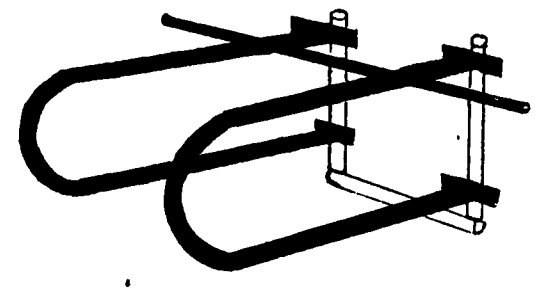

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Perry Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

BREED CODES

1—Ayrshire 4—Jersey 7—Red Dane
2—Guernsey 5—Brown Swiss 8—Mixed
3—Holstein 6—M. Shorthorn 9—Red and White

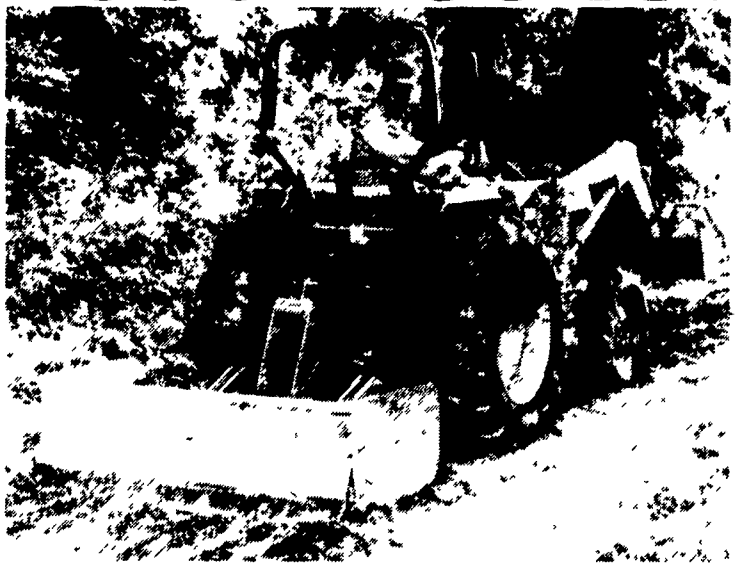
April, 1989
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Kenneth R Benner	3	63.6	89.0	22,418	831
Richard Metz Jr	3	30.4	87.0	21,411	787
Ray E McMillen	3	102.6	88.3	21,322	779
Edward C Brofee	B3	128.4	85.6	21,098	774
Robert + Linda Loy	B3	54.7	87.2	19,980	741
Donald Dum	3	38.0	87.2	19,653	738
Alrada Farms	B3	96.9	86.9	19,449	729
Benjamin E Dum	3	48.7	89.5	19,433	721
O'Toole Bro's	B3	48.6	89.2	18,585	716
Byersholm Farms	B3	24.8	94.6	20,482	715
Richard L Maurer	3	53.9	87.4	19,096	713
David H Weller	B3	63.4	88.6	19,844	712
Nevin G Rice	B3	104.7	88.3	19,475	708
Ed & Wilma McMillen	3	43.6	85.1	19,580	701
Innerst Farm	B3	54.5	84.0	19,486	701
Milmay Farm	3	52.1	87.5	19,130	700
Martin Brothers	3	171.0	88.8	18,549	700
Dean & Eric McMillen	B3	70.4	85.5	19,873	698
Melvin S Weaver	B3	75.2	85.8	19,848	696
Perry Kretzing+Sons	B3	126.2	88.1	19,052	692
Carl E McMillen	3	62.8	86.9	19,227	690
Clark W Bower	B3	90.6	86.9	18,359	679
Carl R Martin	B3	59.1	87.6	19,301	677
George Brubaker Jr	B3	44.0	90.3	18,415	674
John E Book	B3	41.6	86.1	19,603	673
Richard G Smith	3	63.9	86.9	18,074	668
Arthur E Dum Jr	G3	60.9	92.0	18,412	666
Danny E Rice	3	34.3	87.7	17,853	664
Perry Valley Farm	G3	48.0	85.6	19,069	663
Richard Kriebel	3	50.8	88.3	18,324	663
JW&CL Achenbach	3	47.4	89.7	18,009	661
Bratton View Farms	3	67.6	91.4	18,831	660
MW Smith Farms	B3	78.2	84.6	20,116	659
Agrophilos Inc	B3	66.8	86.6	17,623	659
Edward Horn	3	46.0	84.3	18,419	658
Lyons Brothers	B3	65.5	90.5	17,678	657
Edwin L Sheibley	B3	57.5	80.4	17,212	651
Ronald W Shambaugh	B3	31.6	84.3	17,209	647
Clarence S Martin	B3	56.8	88.5	18,053	644
Duane L Hertzler	B3	152.1	87.2	17,053	642
John B Sauder Jr	B3	89.4	89.5	17,569	641
John-Timothy Adair	G3	50.1	83.2	17,283	639
Carl R Kresge	3	131.7	88.7	18,410	639
Oscar&Winnie Campbell	B3	53.4	86.9	18,424	633
Pine Creek Farm	B3	49.7	83.9	18,481	630

Lactations

Alrada Farms					
434	5-5	305	24,341	3.4	828
Creek59	5-8	305	22,124	3.6	801
Martin Brothers					
633	6-8	305	22,470	3.9	885
827	4-0	305	18,727	4.6	872
Donald Dum					
Mindy	8-8	305	20,204	4.0	812
Audrey	5-6	305	21,997	3.8	853
Benjamin E Dum					
Lesson	8-2	305	19,958	4.0	802
Lip	5-2	305	21,956	4.1	900
Trout Brothers					
63	0-0	305	22,584	3.9	901
Robert & Linda Loy Suzette	5-4	305	21,106	4.2	889
Richard L Maurer Cathy	6-1	305	24,388	3.7	907
Clark W Bower Alisa	4-8	305	20,761	4.5	942
Edward C Brofee Pattern	4-0	305	25,609	3.4	872
Kenneth R Benner *Sas	3-7	305	18,457	4.3	807
O'Toole Brothers Jill	7-5	305	22,431	3.7	840
Dawn	4-6	305	22,384	3.7	828
Perry Kretzing&Sons 10	4-8	305	22,937	3.5	813
David H Weller Jessie	7-0	305	21,074	4.1	879
Duane L Hertzler 9	3-4	305	20,898	3.9	818
Edwin L Sheibley May	5-0	305	19,774	4.2	840
Pine Creek Farm Scoty26	5-8	305	21,535	3.8	825
Innerst Farm 17	3-8	279	20,933	3.8	813
Edward Horn 97	3-8	305	24,192	3.5	849
Carl R Kresge Daphne	3-6	305	26,842	3.0	830

BOOST YOUR PRODUCTIVITY



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SALUTE TO THE DAIRY INDUSTRY

Foraging Around

By Dr. John E. Baylor
Director of Market Development
Beachley-Hardy Seed Company

ABOUT RYEGRASSES

Several recent questions concerning cover crop ryegrass have prompted me to devote a column to the ryegrasses in the hope we can lessen the confusion many have about these important grasses.

The ryegrasses are considered bunch grasses with no creeping habit of growth. The common name, ryegrass, is applied mainly to the following species of ryegrasses; Italian ryegrass (scientific name Lolium multiflorum) and Perennial ryegrass (Lolium Perenne). However, most of the ryegrass sold for cover crop in our area is simply referred to as annual ryegrass.

Let's try to sort these out.

Annual ryegrass can be a mixture of annual, perennial and hybrid types, but is mostly annual. It is widely used as a late-summer-seeded winter cover crop in our area, but it may be used as a spring seeded summer cover crop as well. In southeastern United States, it is one of the most important winter forage and pasture crops. When used as a winter cover or conservation crop in the Northeast, most plants die over winter, but some may survive. Nevertheless, surviving plants would not be expected to persist for any length of time.

Perennial ryegrass occurs naturally throughout most of Europe and parts of temperate Asia and North Africa and is one of the most widely grown pasture grasses in New Zealand and southeastern Australia. It is at its best in moist regions with mild climates. In the past, this species was considered unsatisfactory for the harsh winters of northeastern United States. Since it is also not very successful under very dry conditions, very acid conditions or on marginally drained soils, it didn't seem to have much of a future in our area.

We now know that improved varieties of perennial ryegrasses developed using newer breeding techniques do have an important place in the Northeast. They are now widely used for lawns and athletic areas. And forage types can and do play an important role in our pasture and hay programs. More about that later.

Italian ryegrass, a native of Central and Southern Europe, is really a biennial. But in milder climates, it may persist for several years. It establishes very quickly from seed. However, very little seed of pure Italian ryegrass is grown and marketed as such in the U.S.

Perennial ryegrass for forage

Back to perennial ryegrass and its place as a forage in the Northeast. As mentioned earlier, in years past this species was not considered adapted to our Northeastern climate. But newer varieties have changed that. Improved perennial ryegrass varieties are generally not as winter hardy as most other cool season grasses such as bluegrass and timothy. And they are still best adapted in moist regions with mild winters. Likewise, they are not real successful under very dry conditions. But newer varieties such as Bastion, especially when grown with a legume and properly managed, do very well in this area!

Perennial ryegrass varieties can be either diploids, tetraploids, or hybrids.

Diploid perennial ryegrass occurs naturally throughout most of Europe. And there is a wide difference in yield, maturity and other characteristics among diploid varieties. However, very few, if any, diploid varieties are marketed for forage in the Northeast.

Tetraploid perennial ryegrass, resulting from newer breeding techniques, are considered very different from diploids. The best tetraploid varieties are very productive and quite disease resistant. They are extremely palatable and more digestible than equivalent diploids. While varieties differ considerably in maturity and tillering and as a group are said to be slightly slower to establish than diploid varieties, they are generally quite compatible with legumes such as alfalfa and ladino clover. Most of the improved ryegrass varieties marketed in the Northeast for forage are tetraploids.

There are, however, one or more hybrid varieties marketed in our area. Hybrids, that is, crosses between diploid perennials and Italian ryegrass, are generally more vigorous and competitive than tetraploids, and, thus, may not be as compatible with legumes as are the tetraploids.

This, I appreciate, is just a thumbnail sketch of a very important but diverse group of grasses. However, I sincerely hope it may help you understand the ryegrasses and their use in our area just a little bit better.

Northeastern Farm Credit Elects

Harold A. Holt, retired Extension agent for Snyder County, was elected to a three-year term on the Northeastern, ACA, board of directors. Holt is the first person not affiliated in any way with the Farm Credit System to be elected by the board. His position as "outside director" was mandated by the Agricultural Credit Act of 1989.

Holt's election came March 21 when the board of directors met to vote on a list of candidates submitted by the board's Candidates Committee. Holt has more than 25 years of service as an Extension agent in Huntingdon County and then Snyder County before he retired in April 86. Since his retirement, Holt has continued active involvement in his church, community and agricultural activities. Holt and his wife Vida reside in Snyder County. They are the parents of six children.

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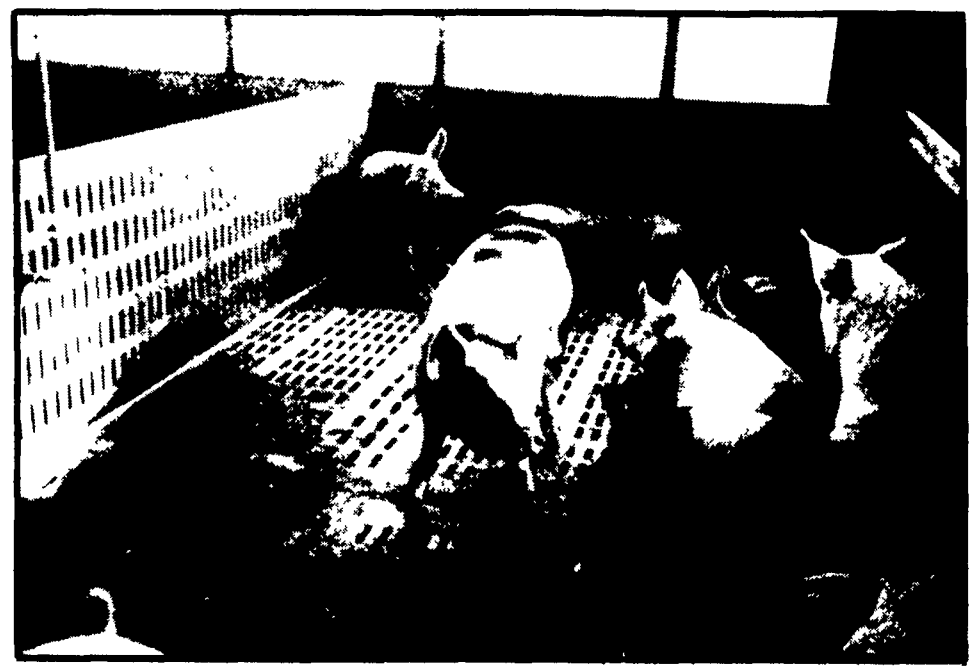

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UNIVERSITY PARK (Centre Co.) — A low ground water table threatens not only crops but also livestock, particularly dairy cows, which require about four to five pounds of water for each pound of milk they produce — a need that rises in hot weather. But when conserving water is necessary, it is not feasible to allot that much water for drinking.

Penn State dairy scientist Dr. Richard S. Adams has a solution: feed your animals high-moisture forages and concentrates. Meeting the cows' water needs with a combination of moisture in the ration and drinking water will help conserve water.

Using moist feed for summer forage instead of haylage could save up to 10 gallons of water per cow daily and up to 13 gallons over using hay.

Actively growing pasture, or greenchop, which contains approximately 80 percent moisture, is the best source of high-moisture forage for cattle. It is generally higher in protein and minerals than most forages stored as hay. You can reduce water needs to a lesser extent by using haylages with 50 to 60 percent moisture or whole-plant corn silage, which has about 65 percent moisture.

"The more water that is present in the feed consumed, the less cows need to drink," Adams says. "And contrary to popular notions, the amount of water in the ration does not reduce total dry matter intake by these animals. In fact, it may increase dry matter intake in some cases."

Liquid whey and wet brewer's grains are concentrate sources with high water content. Wet brewer's grains, which contain about 75 percent moisture, are often fed to cows at levels of 20 to 40 pounds per cow daily. Liquid whey, which contains 93 to 95 percent moisture, is often available at little or no charge from cheese factories.

Cows fed correctly on a properly managed pasture, Adams notes, frequently display improved health and reproductive capacity and may produce more milk at a lower cost.

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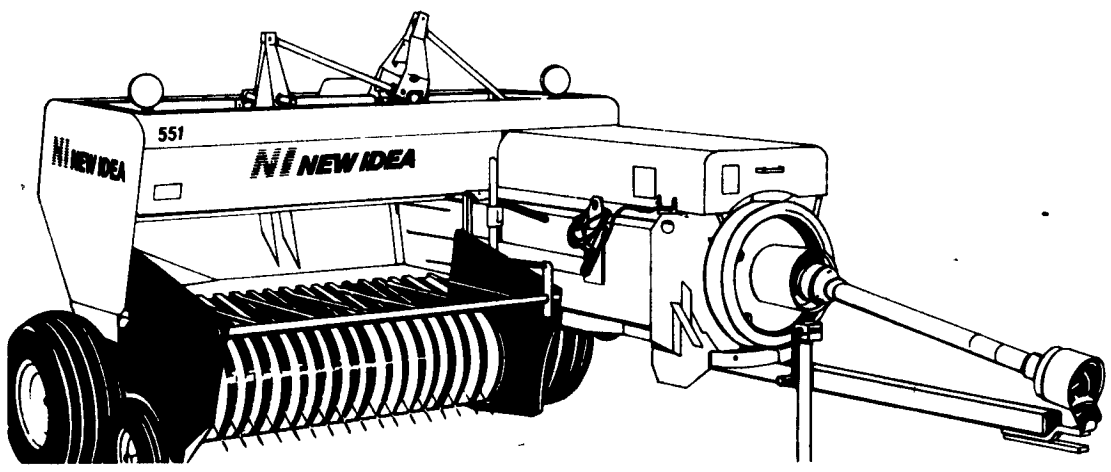

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THIS WEEK

-Lancaster County Senior Extension Club has announced the 1959 summer baseball schedule for the county and other county club teams. Club officers also notified members this week of plans for a Beach Party in July, to be given definite form during the regular June meeting June 4, in the Farm Bureau auditorium at 8 p.m.

Guest speaker for the June meeting will be Joseph J. Machlan, Bell Telephone district plant engineer. He will discuss "Telephone Service in the Future and Public Affairs."

In announcing the baseball schedule, Club Secretary Janet Risser, Holtwood RD1, notified members that all home games will be played in Long Park at 2 p.m. of the day scheduled.

-William A. Reid, Oxford, has qualified for the Progressive Breeder's Award from the Holstein-Friesian Assn. of America, according to association officials.

Reid is the 44th Penna. recipient of the award and the 393rd breeder in the country to earn it. Qualifications include meeting strict requirements in all phases of Holstein herd managment, including production, type improvement, herd health and a development of homebred animals.

-Curt Wible, fourth semester dairy science major from Butler was chosen grand champion showman and Marilyn Ballard, fourth semester home economics major from Troy, was named grand champion fitter at the recent 34th annual Dairy Exposition at Penn State.

Approximately 500 visitors and students watched as Curt and Marilyn took top honors over 45 other contestants in the show.

-ad from Lancaster Farming: Close Out on Model PS-75 36" Tappan Stove. Was $139.00. Close-out price $99.00. Oven, broiler, big storage. Only a few remain. Black and White.

-Eighteen head of registered Guernseys from the herd of Dr. George T. Peck, Wrightsville, were entered Tuesday in the 1959 Empire State Guernsey Show held at the New York State Fairgrounds in connection with the 82nd annual meeting-convention of the American Guernsey Cattle Club.

-The Cornwall Farms herd of registered Jerseys has completed a quarter-century in Lancaster County on the Peach Bottom RD1 farm. The herd is now under the competent management of Edison Osborne, whose grandfather, Mr. Wiley W. Osborne, and his uncle, G. C. Greer, founded the Cool Spring Farm herd in Harford County, Maryland. It was at that time that their Pogis 99th Ace was highest record superior sire in the Jersey breed.

The herd was moved by Mr. Osborne and Edison's father, Jesse, to Lancaster County in 1923 and, after completing training at Penn State, Edison assumed its management in 1948.

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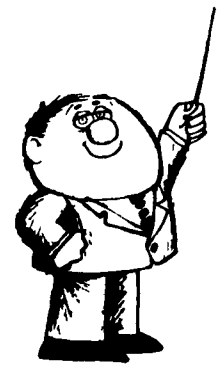

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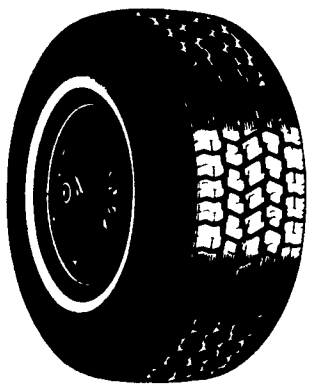

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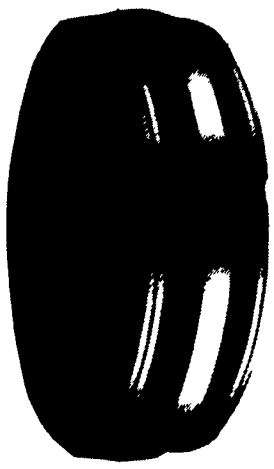

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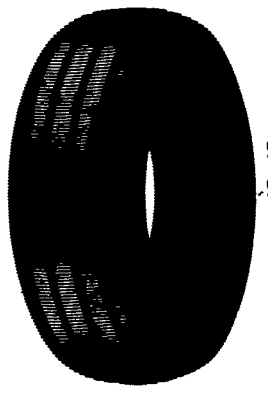

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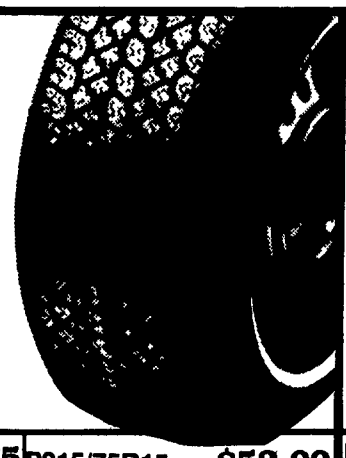

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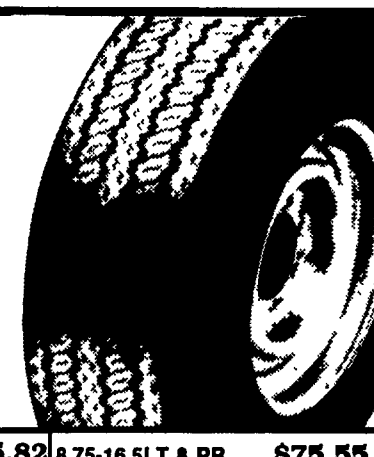

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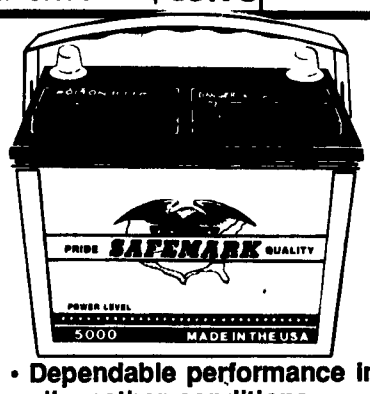

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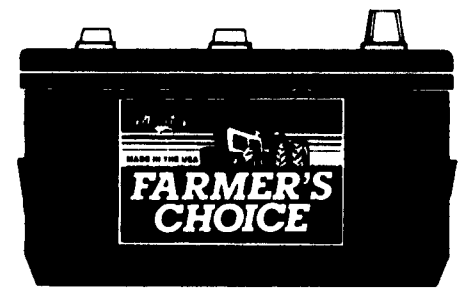

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Helping Dairy Farmers Move Back To Pasture

UNIVERSITY PARK (Centre Co.) — Researchers in Penn State's College of Agriculture have been investigating ways to lower dairy costs by using pasture. "We want dairy farmers to look at their pastures as an economic resource," says Dr. Steven Fales, associate professor of agronomy.

In the past 30 years farmers have been reluctant to feed their cows from pasture because of the difficulty in controlling a cow's diet and the expense of erecting fences. Through the use of portable electric fences, farmers now can produce milk for an estimated one-fourth to one-fifth the cost of using stored feeds. However, many farmers don't have the know-how to make the best use of this home-grown resource.

"We started this research by examining practices in New Zealand and parts of Europe where pastures have been used for the last several decades as a primary source of nutrition for dairy cows," says Fales. These international researchers were able to recommend over 22 different types of grasses suitable to the Pennsylvania climate and the various ways to manage them in pastures.

Fales and other Penn State researchers first are identifying grass species that show potential for use in Pennsylvania. Fales says that grass species commonly grown in Pennsylvania -- naturalized grasses like bluegrass and taller hay species such as orchardgrass -- might not be the best quality for intensively managed pasture.

"Perennial ryegrass is the premier pasture grass worldwide, but we need to determine how well it will persist in our environment and how to manage it for highest productivity," says Fales. "Of the two types of perennial ryegrasses we are investigating, one works well in lawns, so we know it will persist. The second kind has a higher production potential and is a better quality grass for forage, but it may not be able to survive our usually cold winters and the dry summers."

In the field and laboratory, the Penn State researchers are comparing these two grasses to each other and their control grass, Kentucky bluegrass. They hope to identify the fundamental differences such as leaf growth and photosynthesis.

In addition, they are growing the grasses in pastures that are grazed rotationally by dairy cows to develop better guidelines to manage these grasses. "Most knowledge we have about grass management is based on hay systems, which use cuttings with long rest periods in between. We don't know if the same management guidelines apply to cutting and grazing of pasture grasses," Fales says.

The management guidelines rely on the use of portable electric fences. With those fences, a dairy farmer can divide a pasture area into sections for rotational grazing. The herd grazes one section until it no longer gets an adequate amount of feed. When the cows are moved to another section, the first part is left to regrow for a later rotation or harvesting.

Since cows often end up eating only part of a pasture and trampling the rest, farmers can use one-third to one-half their land for pasture, according to Fales. The other half can be harvested for stored feed. During last year's dry summer, this practice saved many farmers from buying feed.

Once the researchers determine optimum grasses and the best management characteristics, they will investigate the nutritional needs of cows in relation to grazing. They hope to provide physical guidelines based on grass height, growth stage, time of year and grazing time for farmers to use in estimating the nutritional contribution of their pastures.

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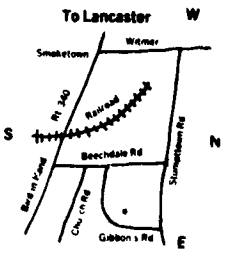

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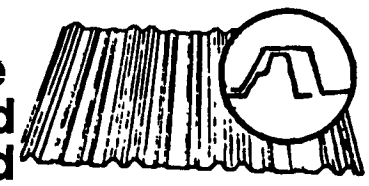

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USDA Decides Three Animal Welfare Act Compliance Cases

WASHINGTON, D.C. — The U.S. Department of Agriculture settled three cases during March to enforce the humane care and treatment of animals regulated under the Animal Welfare Act.

James W. Glosser, administrator of USDA's Animal and Plant Health Inspection Service, said the cases resulted from earlier charges. Details are:

-- Gus White, III, doing business as Exotic Animal Orphanage in Collins, Miss., was ordered by an administrative law judge to pay a $1,000 civil penalty for operating his facility below required standards of the Animal Welfare Act. USDA charged that on at least eight occasions between Feb. 6, 1986, and Jan. 27, 1987, White failed to comply with standards governing structural strength and maintenance of facilities; shelter for animals kept outside; sanitation, drainage and waste disposal; and protective fencing and safety barriers for wild animals. In addition to the fine, the judge ordered that White cease and desist from future violations, that his federal exhibitor's license be suspended for 180 days and that the suspension remain in effect until his premises are in full compliance with the act. White has filed an appeal to the judicial officer.

-- All Pets, Inc., a petting zoo in Oklahoma City, Okla., was assessed a $1,000 civil penalty and was ordered by an administrative law judge to cease and desist from future violations and, in particular, from displaying wild animals in areas inadequately protected by barriers between them and the viewing public. USDA alleged that on two occasions in 1987, All Pets was negligent in handling and housing lions used in its exhibits. Specifically, on Feb. 23, 1987, an employee of the zoo took a lion cub on a leash into an area open to the public and the animal attacked and injured a child. In a similar incident on April 13, 1987, three lion cubs were confined in an enclosure that was not secure, and which did not provide a barrier between them and the public. The lions escaped into an area opened to the public and one of them attacked and injured a child.

-- Edna DePew, a licensed dog dealer in McLoud, Okla., consented to the issuance of a cease-and-desist order by an administrative law judge and to have her federal dealer's license suspended for 30 days without admitting or denying USDA charges that she operated her kennel under unsanitary conditions. If DePew is in full compliance with the standards by the end of her suspension period, a supplemental order will be issued to reinstate her license. USDA alleged that on three occasions, March 6 and Dec. 5, 1986, and June 5, 1987, DePew confined dogs in enclosures that were not kept clean and sanitized, the premises had an accumulation of trash, and there were no provisions made for the removal and disposal of animal waste.

Standards for the care and treatment of certain animals have been required by the Animal Welfare Act since 1966. Animals protected by the law must be provided adequate housing, handling, sanitation, food, water, transportation, veterinary care and protection against extremes of weather and temperature. The law covers animals that are sold as pets at the wholesale level or are used for biomedical research or for exhibition purposes.

Most enforcement is carried out under administrative law procedures in lieu of criminal trials. In many civil cases, accused parties use a provision of administrative law that allows them to accept a penalty without a hearing and, in some cases, without admitting or denying the charges. Other civil cases are resolved by a federal administrative law judge, who hears testimony and reviews briefs by the parties before handing down a decision. Failure to respond to USDA charges constitutes admission of guilt, and penalties are assessed by an administrative law judge. Either party may appeal a decision.

Dealers and breeders as well as brokers, transportation companies, exhibitors and research facilities must be licensed or registered. USDA personnel make periodic, unannounced inspections to help assure compliance. Action is taken against violators after efforts to secure compliance are unsuccessful, Glosser said.

Reihart Re-Elected As PHBA

KENNETT SQUARE (Chester) — Gary D. Reihart was re-elected to his fourth term as president of the Pennsylvania Horse Breeders Association at the Association's annual business meeting on May 11. Reihart, an owner, trainer and breeder at his farm in Dillsburg, York County, has been actively involved with the thoroughbred industry since the early seventies.

The Pennsylvania Horse Breeders Association is responsible for the administration, development, and promotion of the state's Breeding Fund program, which provides economic incentives to stimulate the breeding of thoroughbreds here to support flat racing at Penn National and Philadelphia Park.

Also re-elected at the meeting were; Francis J. Puleo, Phoenixville, vice president; John F. Matczak, Ottsville, secretary; and Bernard J. Daney, Wilmington, DE, treasurer. Mark A. McDermott serves as the Association's executive director.

Elected to four year terms on the Association's Board of Directors were: James R. Brame; Buckingham; Kevin W. Galbraith, Malvern; Puleo; Dr. William J. Solomon, New Freedom; Timothy B. Wickes, Unionville; and W. Thomas Wolf, Dover.

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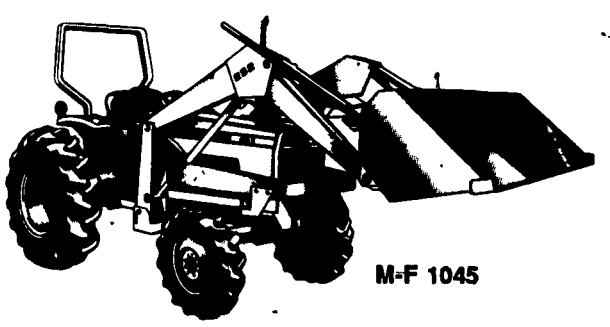

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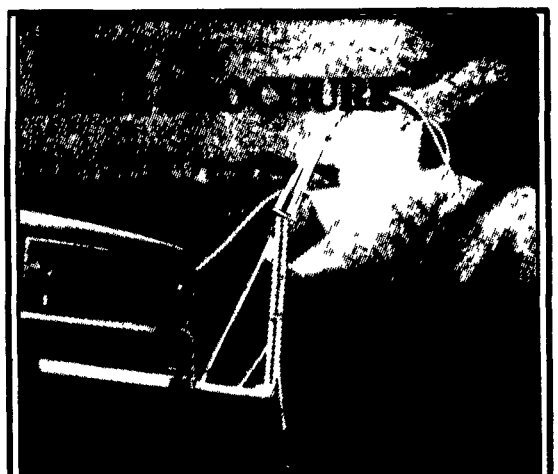

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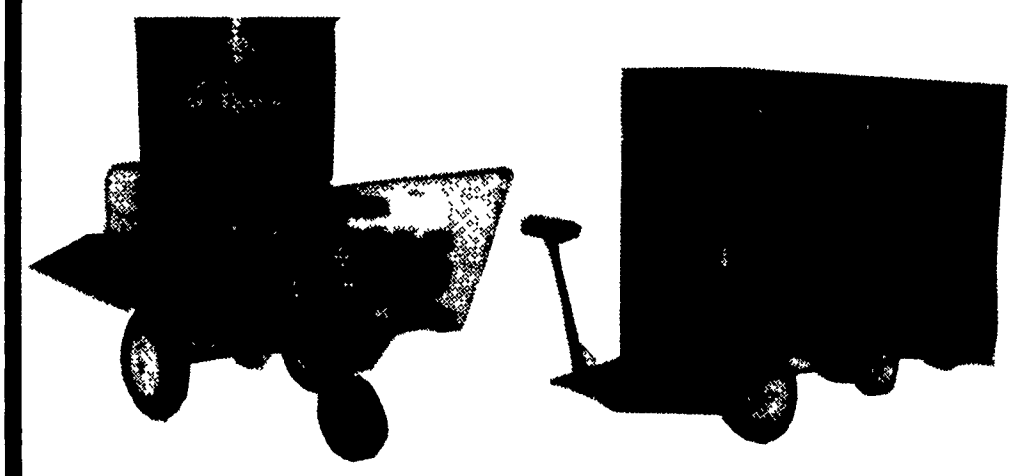

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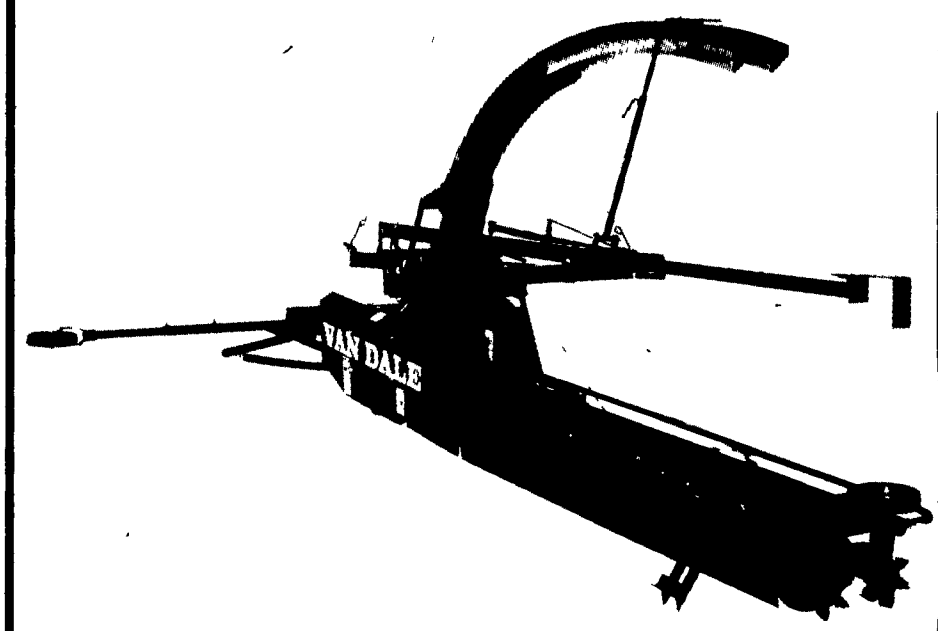

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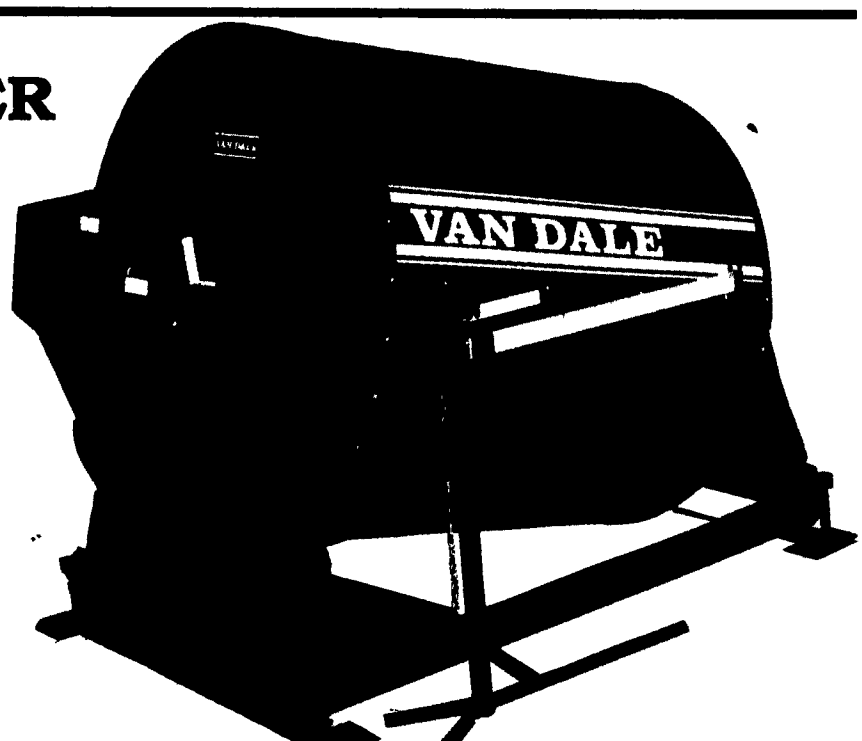

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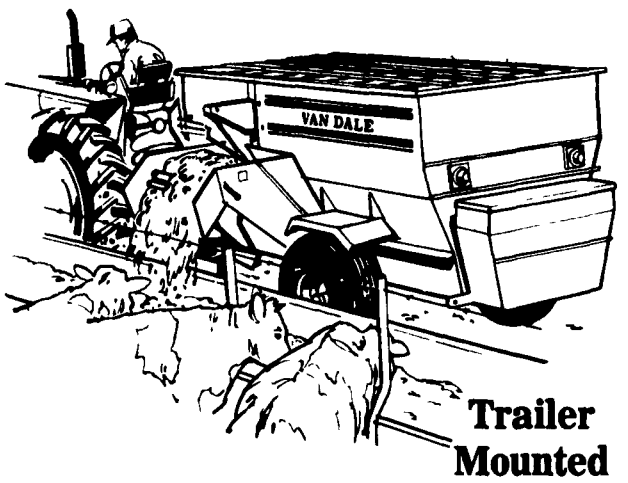

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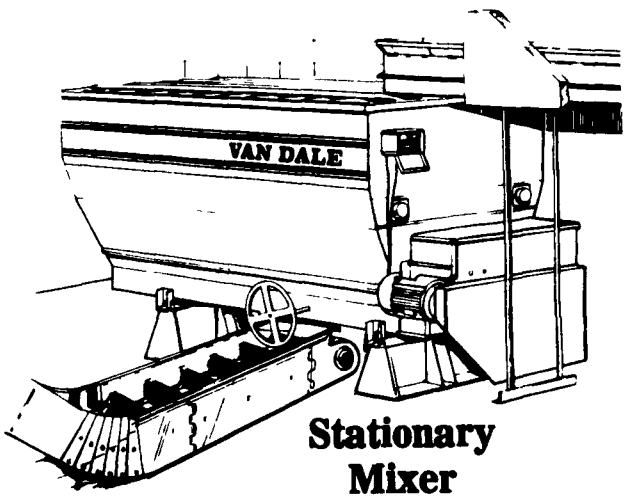
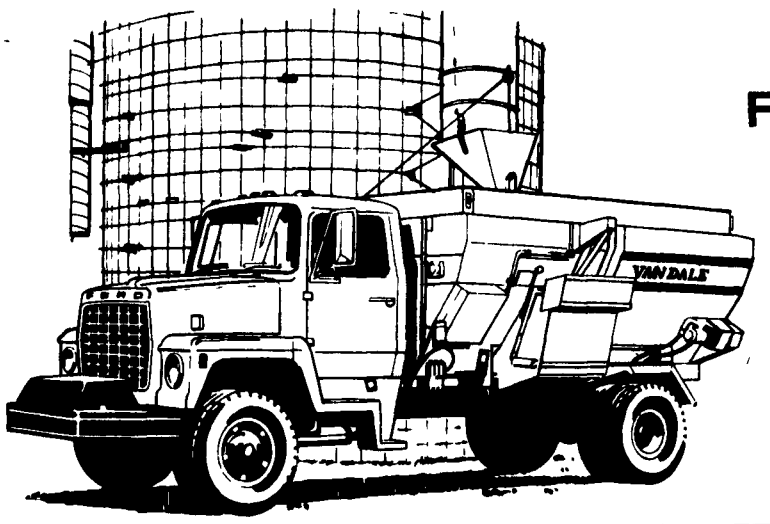


Stationary Mixer



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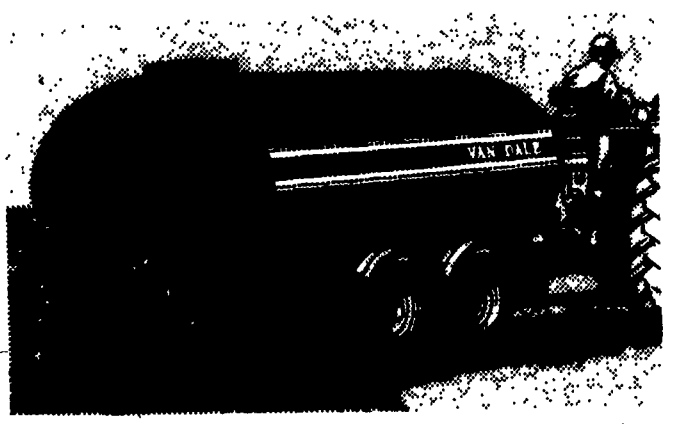

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Monthly Report

BREED CODES

1—Ayrshire 2—Guernsey 3—Holstein 4—Jersey 5—Brown Swiss 6—M. Shorthorn 7—Red Dane 8—Mixed 9—Red and White

March 1989
Rolling Herd Average

Owner	Brd.	No Cows	Days IN Milk		Milk Lbs.	Fat LBs.
Mt View Acres	B3	40	86		20,071	751
Highland Vue Farms	3	56	90		19,289	744
Bent Creek Farm	8	30	93		19,473	739
David E Gettle	B3	48	86		18,873	724
J Paul Strock	3	114	88		20,272	720
Betty A Zeigler & Sons	3	52	91		19,091	711
Glenn W Myers	B3	68	88		18,566	707
Martin Lichtenberger	B3	25	91		20,581	704
Hills-Hope-PA Farm	3	58	86		18,943	699
Robee Acres	3	89	92		18,947	694
Nathan & Julia Ebersole	3	52	89		19,295	693
Kenneth Horst	B3	56	87		20,044	692
Mark A Naugle	3	57	84		18,654	692
Harry E Thompson	3	33	88		18,848	691
Alvin M Martin	B3	66	87		19,239	686
Daniel L Martin Jr	B3	52	86		18,501	686
Lee A Hoover Jr	B3	48	91		17,725	686
Cumber-Vue Farm	B3	45	88		19,078	682
Berkheimer Farms	B3	171	87		17,807	680
Nevin Shughart	B3	29	87		18,896	679
M Thomas Sheaffer	3	63	82		18,634	679
Leroy Showaker & Son	3	88	86		17,756	677
David R Walton	3	27	88		18,412	672
Donald M Leatherman	B3	45	87		19,454	671
Roy E Snoke	3	39	89		18,924	662
Lamar & Carol Sensenig	B3	37	89		18,022	662
Leroy Chestnut	B3	53	88		17,617	652
Lemar Farm	B3	38	84		17,835	651
Robert H Jamison	3	27	83		18,120	650
Greg & Sheree Clelan	B3	36	86		17,803	650
Glenn Newswanger	B3	81	87		17,153	649
Dave & Doug Lehman	3	79	86		17,795	648
Samuel D Shenk	B3	61	86		18,199	647
Mernita Farms	B3	59	90		18,303	644
Maple Key Holsteins	B3	44	89		17,733	644
Ridgeline-Acres	B3	67	91		17,802	636
Francis R Mains	B3	69	87		17,183	636
Martin H Miller	B3	44	88		17,957	633
Fred A Hoover	B3	44	85		18,366	629
Marlin Miller & Sons	B3	42	88		17,148	628
JB Brymesser & Sons	B3	229	87		16,871	628
Mark-Nancy Leinaweaver	B3	33	88		18,740	627
Paul O Dyarman	3	61	85		15,933	622
Fred B McGillvray	3	62	88		18,227	621
Lee G Davidson	3	69	87		16,974	621
Glenn & Larry Souder	B3	47	88		18,196	620
Aaron Z Fox	B3	37	86		17,349	620
J Wickard-R Hawkins	B3	60	87		17,741	618
Don & Tom Basehore	3	43	84		17,139	614
Sto-Ebe Farm	B3	41	84		17,980	613
Lonnie A Wickard	B3	37	86		17,536	612
Jet-Rae Farm	B3	70	85		17,451	607
John F Stamy III	3	193	85		16,496	607
Otto Brothers	B3	151	82		15,904	606
Charles E Heberlig	B3	60	83		17,141	603
Robert E Keefer	B3	136	88		16,983	603
Gerald P Jones	B3	87	88		16,957	603
Lactations						
Otto Brothers						
Jaylene		3	16,009	5.1		816
Roo		6	17,602	4.5		798
113		4	19,144	3.7		717
44		7	18,392	3.7		692
184		4	14,456	4.7		689
Liza 2		2	15,048	4.3		659
185		4	16,083	4.0		657
Mark A Naugle						
Nora		5	20,057	4.0		818
Robee Acres						
Shelley		3	21,566	3.8		839
J B Brymesser & Sons						
788		2	15,884	4.1		659
Justa Beauty Holsteins						
Wendy		4	19,748	3.7		745
Lee G Davidson						
Vickie		4	16,143	4.4		718
Cherry		3	19,789	3.5		700
Double		4	20,371	3.4		694
Roy E Snoke						
Tawnie		2	17,513	3.9		683
Mt View Acres						
Lady		4	21,583	3.5		770
Pearl		5	19,103	3.7		712
E Lee Oiler & Son						
8		6	19,264	3.4		662
Dave & Doug Lehman						
24		5	20,499	4.5		933
260		7	18,146	3.9		722
245		7	19,238	3.7		716
J Paul Strock						
Sondra		4	24,990	3.3		835
Vickie		5	23,292	3.1		721
Kit		5	19,880	3.4		689
Paul O Dyarman						
Trixie		5	16,745	4.3		731
Nelda		2	15,646	4.4		696
Sheila		6	19,102	3.4		662
Merle & Sharon Dice						
15		6	20,351	4.0		830
Glenn & Larry Souder						
168		6	19,736	3.8		753
14		4	23,054	2.9		680
5		4	17,650	3.8		675
K Hale & J Reese Lady		3	19,094	3.5		668
David E Gettle						
Ellamae		6	21,887	3.2		714
Mindy		3	17,955	3.8		687
Leroy Showaker & Son						
Hollow		5	22,931	3.7		848
Lisa		8	20,635	3.8		799
Tonya		6	24,890	2.9		743
Fara		3	18,883	3.8		722
John F Stamy III						
27		5	24,153	3.7		912
29		4	21,986	3.2		705
185		5	18,602	3.7		700
28		9	18,225	3.6		668
Ridgeline-Acres						
70		8	19,549	3.6		721
Leroy Chestnut						
35		4	16,124	4.3		694
Samuel D Shenk						
Sara		6	18,657	3.6		683
Oscar Nealy & Sons						
12		3	19,882	4.0		795
16		8	19,588	3.5		696
13		5	18,463	3.7		686
Berkheimer Farms						
3		3	20,364	4.1		839
89		3	23,780	3.4		818
38		4	21,629	3.5		771
160		2	20,014	3.7		749
146		3	18,456	4.0		740
81		2	18,108	3.9		713
49		3	17,811	3.7		670
Stambaugh Farms						
38		7	22,029	3.0		680
Glenn W Myers						
Mindy		3	23,019	3.8		881
Mary		3	19,570	3.8		762
Lavon		3	18,659	3.7		691
Fay		5	16,734	3.1		687
Paula		2	15,809	4.3		686
Rachel		2	15.232	4.5		686
Betty A Zeigler & Sons						
Judith		4	22,369	3.1		693
Marlin Miller & Sons						
50		5	20,777	3.6		764
Cumber-Vue Farm						
Stella		5	24,243	3.5		870
Bobbie		4	20,247	3.3		681
Roy E Deitch & Sons						
22		3	14,782	4.7		701
Glenn Newswanger						
1		8	21,116	4.2		902
69		3	18,900	4.1		774
33		6	19,080	3.7		711
Mark-Nancy Leinaweaver						
Cal		5	20,119	3.5		710
Francis R Mains						
134		6	21,819	3.3		735
Ken H & Virginia Swartz						
Faline		5	11,849	4.9		704

(Turn to Page D24)

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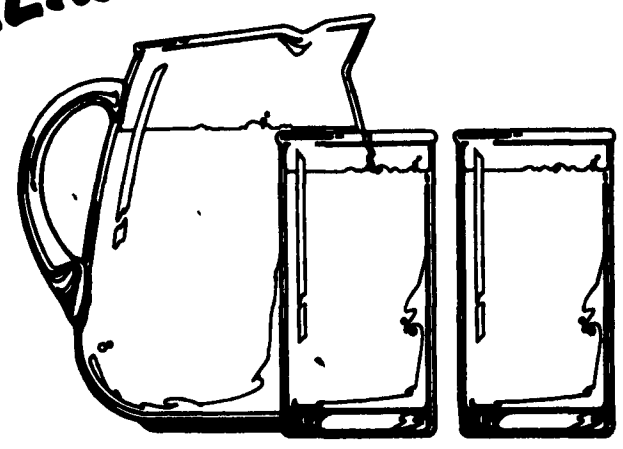

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J-91

LAND PRIDE

REAR BLADES

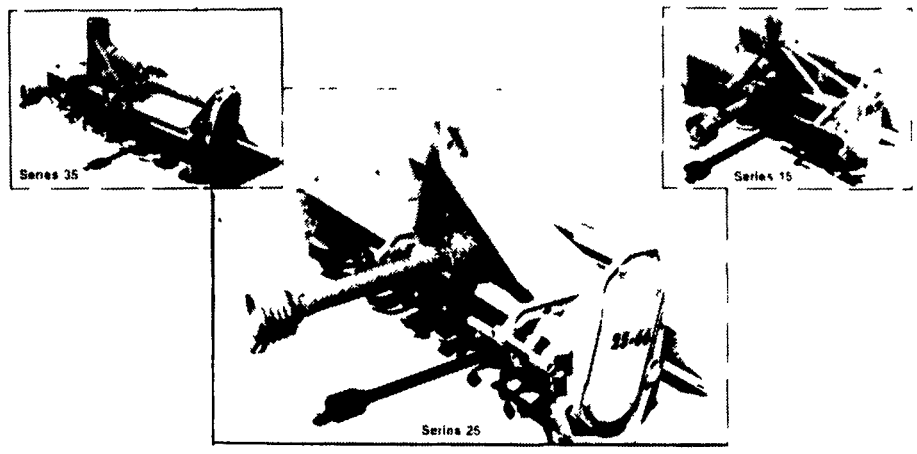
The four series of Land Pride Rear Blades provide you with a choice of 10 different models. Whether it's a hobby blade for a 20 horsepower tractor or a heavy-duty model with angle, tilt and offset, you'll find a Land Pride blade to match your tractor — and your job.

Quality designs and rugged construction are evident throughout the rear blade line. Each blade has a heavy-duty rolled moldboard to keep material flowing smoothly. And all Land Pride blades have *replaceable, high-carbon, heat-treated cutting edges.* They are reversible on the 15, 25, and 35 series for an even longer llife.

Rear Blade Features:
- Heavy-duty rolled moldboards
- Replaceable, high-carbon, heat-treated cutting edges; 3/8"x3" on 05 series, ½ "x6" on 15, 25, and 35 series
- Horsepower ratings from 20 to 65
- Angle adjustments on all models; tilt and offset on 35 series
- Full range of options

Land Pride Rear Blades are available with a full range of options, including skid shoes, side plates, gauge wheels and — on the 35 series — a hydraulic cylinder to adjust offset on-the-go.

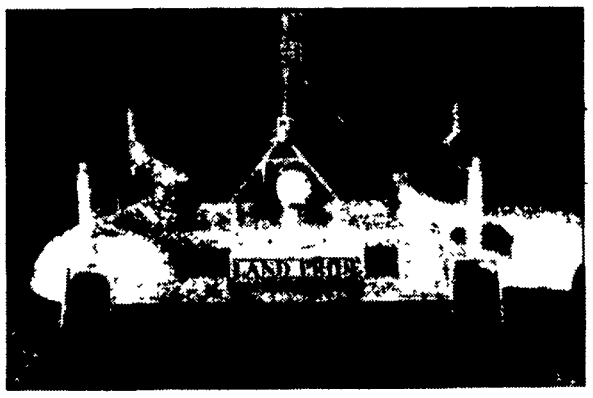
ROTARY TILLERS



The Land Pride Rotary Tiller line offers three series of intelligently-engineered and quality-constructed tillers. Whether you're a hobby farmer, landscaper, nurseryman, fruit and vegetable grower or home gardener, the Land Pride line is designed for you. It hooks up easily, operates smoothly, and offers superior performance with less maintenance than competitive units. Special features such as side shift, forged adjustable hitch blocks, slotted and serrated depth adjustment, ductile iron gear boxes with tapered roller bearings make the Land Pride tiller the best value in the industry.

Rotary Tiller Features:
- Side shift: 15 and 25 series
- Ductile iron gear boxes; with worm gear and tapered roller bearings
- Splined shafts
- Adjustable hitch blocks; forged blocks standard on series 25 and 35, optional on 15 series
- Adjustable slotted skids
- Spring-loaded rear deflector
- Heavy-duty shielded PTO with shear pin coupler; slip clutch standard on series 35, optional on 15 and 25
- Square-tubing box frame
- Profile-stamped A-frame standard on 25 and 35 series, optional on 15 series

3-SPINDLE GROOMING MOWERS

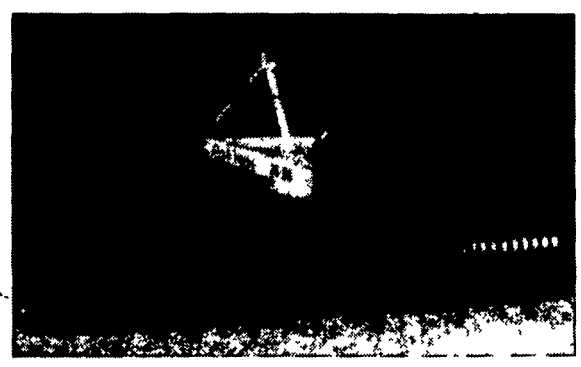


All the features you could ever hope for in a 3-spindle grooming mower are combined in the Land Pride Grooming Mower — at a price comparable to economy units. The profile-stamped air tunnel one-piece deck provides superior grass-cutting due to its ability to lift the grass better and discharge it cleaner — and with less horsepower. The four rugged 10" wheels are standard equipment and provide unmatched contour-following capability.

The Land Pride mower is designed to be easier to attach, adjust, operate, and maintain than competitive units. Standard features like a cast-iron gear box, forged hitch blocks and a commercial-duty V-belt mean you'll spend more time grooming your grass and less time fixing your mower.

Grooming Mower Features:
- Profile stamped air tunnel deck
- Four gauge wheels with 3¼ "x10" solid rubber tires
- 5" height adjustment
- Cast-iron gear box
- 1¼ " blade spindle
- Folding, adjustable discharge chute
- Single commercial-duty V-Belt
- Heavy-duty floating forged hitch blocks; adjustable
- Adjustable floating 3-point top link

LANDSCAPE RAKES



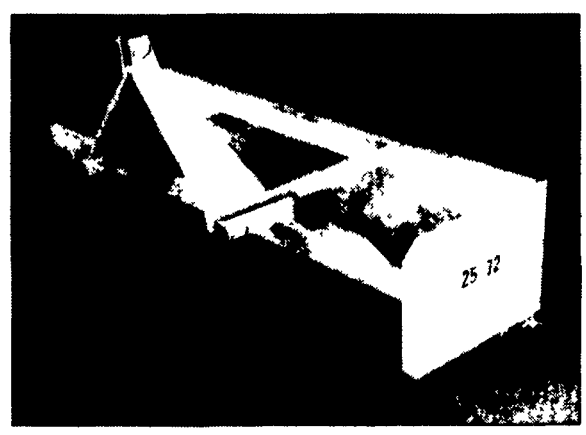
A rugged landscape rake from Land Pride is a versatile addition to any landscaping arsenal. With 11 models in four different series, there is a Land Pride rake to meet your needs.

Rake uses include: clean-up of roots, rocks and other debris prior to seeding, spreading and distributing topsoil and crushed rock, general grooming and soil preparation.

Land Pride rakes feature high-carbon, spring-steel teeth and heavy-duty A-frames for a long life. To fine tune performance, options like gauge wheels and flip-down grader blades are available.

Landscape Rake Features:
- High-carbon, spring-steel teeth — ¼ "x¾ " on 05 series, 5/16"x1" on 15, 25, and 35.
- Wide range of angle adjustments, including reversible feature on 25 and 35 series.
- Superior clamping design provides added strength by eliminating hole in tooth.
- Full range of options, including flip-down grader blade and gauge wheels.

FIXED BAR BOX SCRAPERS



Land Pride Box Scrapers are built rugged for a long dirt-moving life. The heat-treated spring-steel shanks scarify the ground and the 17" high radius-formed moldboard keeps dirt flowing smoothly into the box. With the 4" square tubing main frame and ½ "x6" heat-treated, reversible cutting edge, these box scrapers are designed with the features you need.

The 25 series features double lug hitches and a plated A-frame. Both models have a welded brace from the A-frame to the rear of the bucket and a choice of rigid or hinged backfill blades.

Box Scraper Features:
- Radius-formed (rolled) moldboard - 17" high
- 4"x4" square tubing main frame
- Double-strap lower hitches - 25 series
- ¾ "x2½ " heat-treated spring steel shanks
- Heat-treated dimpled-on tips
- ½ "x6" high-carbon, heat-treated, curved cutting edge reversible
- ½ " thick formed plate A-frame - 25 series
- 31½ " overall depth
- Pin securely holds shank - easy to remove for shank adjustment

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201-689-1464

Cumberland Co. DHIA

(Continued from Page D22)

Edwin Z Horst				
96	2	18,084	4.5	829
166	2	20,537	3.5	728
Lamar & Carol Sensenig				
Carla	5	19,970	3.9	797
Mattie	3	17,931	4.2	764
Penny	5	21,103	3.5	738
Dorcas	5	19,127	3.5	685
Maple Key Holsteins				
Kish	2	19,346	3.9	767
J Wickard - R Hawkins				
08	3	18,233	3.8	698
Lemar Farm				
Lacy	5	19,445	4.2	831
Star	7	20,649	3.4	719
Charlot	3	19,227	3.3	651
Amos Z Sauder				
Robin	3	19,123	3.6	697
Highland Vue Farms				
Patience	7	18,643	4.4	829
Sheena	3	21,423	3.6	783
Pebbles	3	16,859	4.5	763
Princes	2	17,703	3.9	697
Sto-Ebe Farm				
16	3	18,840	3.4	658
William L McCulloch				
101	6	18,809	3.5	660
Alvin M Martin				
Twix	4	21,597	4.0	870
Kenneth Horst				
24	3	20,952	3.4	715
Daniel Ocker				
69	6	14,750	4.6	679
Mernita Farms				
Ida	3	19,139	3.5	676
Aaron Z Fox				
27	5	18,029	3.8	701
38	3	17,274	3.7	654
Martin Lichtenberger				
Valerie	6	19,724	3.6	710
Debrah	5	23,597	2.9	693
M Thomas Sheaffer				
ALice	3	21,574	4.1	901
Debrah	5	23,597	2.9	693
Donald M Leatherman				
Starr	8	20,909	3.3	709
Robert E Keefer				
215	7	21,282	4.3	918

Potter Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

April, 1989
Rolling Herd Average

Name	Brd.	No. of Cows	Days Milk	Milk Lbs.	Fat Lbs.
Ivan Smoker & Sons	RH	107.7	87.7	21,570	813
Ivan Kibbe Jr	RH	99.9	90.4	20,541	803
Ron&Candy Cooney	RH	66.9	86.9	19,814	781
Jack Thomas Sr	R&GH	55.8	89.5	20,340	777
Dale Hoffman	R&GH	93.6	89.9	21,254	767
Kevin Risser	R&GH	111.6	85.2	21,792	748
Robert Francis	RH	38.7	82.2	19,265	745
Alvin Miller	R&GH	103.8	90.9	19,585	743
John C Traub	R&GH	40.2	87.7	20,512	740
Guy Dunn	RH	54.7	89.5	19,852	739
Donald Thompson	RH	46.3	82.9	20,120	736
Gary Perkins	GH	42.6	85.9	19,414	729
Dan & Leon Tice	R&GH	50.1	88.7	20,082	714
Jack Knowlton	RH	58.7	89.2	18,859	680
Rodney Lane	R&GH	35.8	84.3	18,147	650
Charles Cornell	R&H	49.4	87.3	17,858	648
R-Own Farms	RH	90.6	80.2	17,633*	643
Titus Risser	R&GH	102.5	88.0	18,441	638
Craig Torrey	R&GH	37.6	89.4	17,729	620
George Young	R&GH	82.1	87.9	17,265	616
John H Lehman	RH	92.2	86.9	15,416	613
Clair/Gary Hamilton	R&GH	97.1	86.7	16,574	607
Karl Torrey	RH	64.5	86.0	17,236	604

Lactations

Ivan Kibbe Jr						
Joanne	H	7-5	305	23,249	3.8	883
Dizzy	H	8-5	305	20,022	3.8	764
Becky	H	3-7	305	24,448	3.3	824
Ron and Candy Cooney						
Sherry	H	6-7	305	24,075	4.2	1034
Carlo	H	8-1	305	19,650	4.6	917
Ivan Smoker & Sons						
Gypsy	H	5-6	305	22,848	3.3	775
Crackle	H	8-1	305	20,560	4.0	822
Hariet	H	4-6	305	23,941	3.5	841
Faith	H	2-2	305	19,322	4.1	795
Judy W Breeden						
R-33	H	3-11	305	21,053	4.9	1036
Dale Hoffman						
Bea	H	5-4	305	24,325	3.1	762
Darcy	H	4-10	305	25,834	3.0	789
Hilda	H	2-5	305	20,272	4.1	847
Craig Torrey						
Dixie	H	5-5	305	19,415	3.9	767
Kevin Risser						
Marla	H	6-4	305	22,981	3.4	792
Fanny	H	3-9	305	25,066	3.3	835
Delia	H	3-8	305	30,835	3.1	984
Jack Thomas Sr						
Josey	H	4-1	300	21,364	4.6	991
Rodney Lane						
#121	H	4-2	302	25,403	3.2	835
Alvin Miller						
#45	H	4-7	305	23,984	4.1	998
#88	H	4-6	305	20,357	4.0	821

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Soybean Cyst Nematodes Spreading Northward

DEKALB, IL — Soybean cyst nematodes (SCN), once thought to be a Southern pest, are increasingly being recognized as an economical threat in northern areas. "Since their detection in Winnebago County on the Iowa-Minnesota border in 1979, SCN has spread through much of north central Iowa, says Bob Streit, an agronomist with Dekalb-Pfizer Genetics.

The soybean soybean cyst nematode is a small non-segmented round worm that invades and damages the roots of soybean plants. Damaged plants are stunted and often appear to be affected by iron deficiency chlorosis. When roots are examined with a pocket microscope, white cysts may be found. "The cysts are actually the swollen abdomen of the pregnant female that turn from white to brown as they mature," states the agronomist. "Each cyst contains approximately 50 eggs that are protected from the elements by the cyst case."

The method of nematode spread continues to be debated among scientists, however, proven carriers include machinery, eroding soil, and migrating birds.

"Controlling cyst nematodes involves an integrated program," the agronomist continues. The first step is detection. A pocket scope or hand lens plus the aid of an experienced individual helps. Infested fields should then be isolated. Washing machinery after working the infested field may help stop the spread.

Rotation is the most practical recommendation, although it can cause compliance problems with ASCS requirements. Non-host crops that Midwest farmers can utilize incude corn, oats, and alfalfa. "Each year a non-host crop is planted, 50 to 90 percent of the viable eggs die," according to the seed company agronomist. "Planting second year soybeans where cyst are present will allow early infestation of the soybean seedlings and possible high yield loss."

The use of resistant varieties in a crop rotation is the recommended program for affected growers. Progress has been made by soybean breeders to develop resistant Group I and Group II varieties," states Streit.

DDA Hires Ag Specialist

DOVER, DE — The Delaware Department of Agriculture has hired Linda I. Smith of Bridgeville as its new Agriculture Specialist, effective April 1.

The newly created position was recommended by the Farm Assistance Task Force, a group formed in early 1988 by a joint resolution of the Delaware General Assembly. Task force members theorized that farmers would benefit from having someone act as a liason between them and regulatory agencies whose rules and regulations they must abide.

"Much of Linda's job will be educating our farmers about certain agricultural practices and their impact on the environment. She also will facilitate better communication between farmers and our department as well as other agencies with which the agricultural community interacts," said William B. Chandler Jr., secretary of agriculture.

"The ultimate goal is to help farmers better manage their resources for improved efficiency and higher profits. Linda can help farmers nip problems in the bud before they get out of hand," Chandler continued.

Smith will be part of the department's Pesticide Compliance Section. In addition to her role as a troubleshooter, Smith also eventually will take over the pesticide applicator certification program. Several goals are to standardize submission requirements for applicator continuing education courses, to offer a wider variety of classes for applicators with different specialties, and to more strictly enforce course attendance and certification procedures.

Smith, a New Jersey native, earned her bachelor's degree from the University of Delaware with a double major in biology and plant pathlolgy/entomology.

While in college Smith worked as a student assistant to Bob Mulrooney, a plant pathlolgist with the Cooperative Extension Service. Upon graduation she worked as a "scout" for JoAnne Whalen and Mark Graustein from Extension's integrated pest management program.

After a brief period with a crop consulting firm, she took over quality control management for her husband's farm in Bridgeville, T. S. Smith and Sons.

Smith also has worked as a program coordinator for Delaware Technical and Community College's Continuing Education department.

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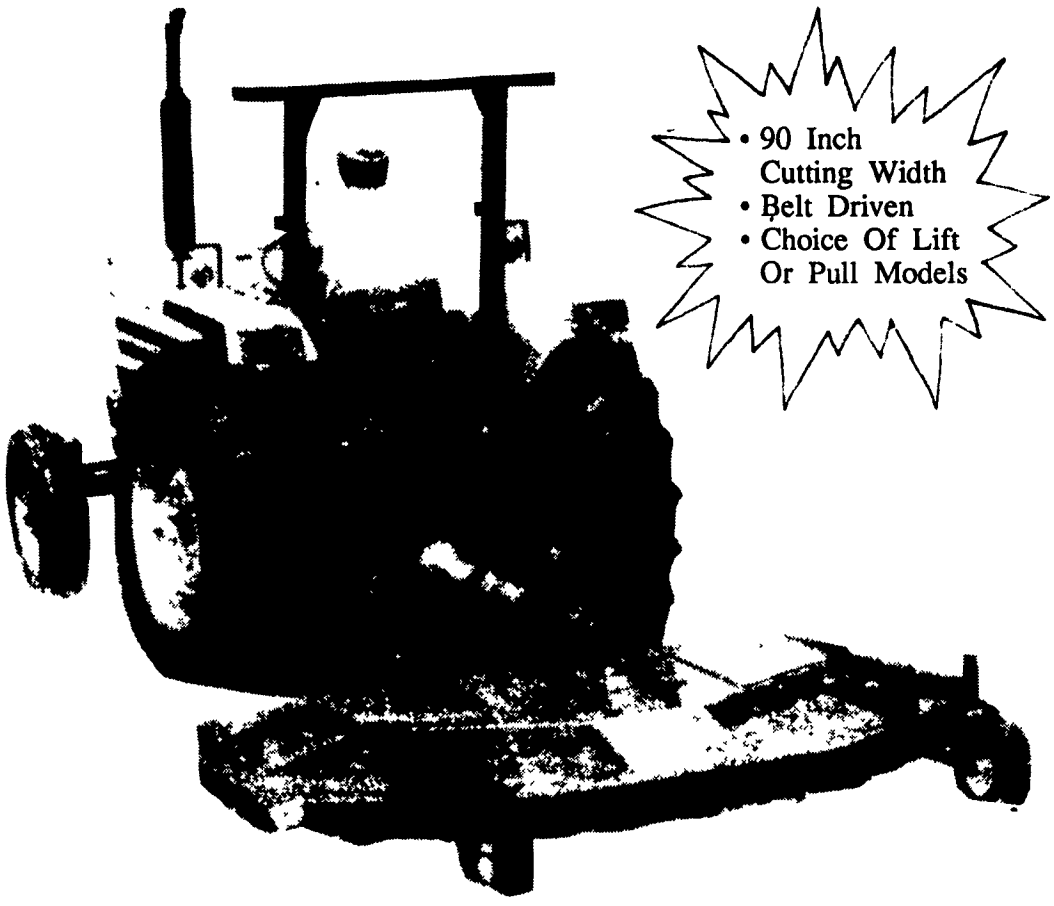

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- Blade Tip Speed: 15,400 FPM
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World Pork Expo To Showcase New Products

DES MOINES, IA — Producers will be able to see how a large part of their checkoff dollars are being invested by visiting the Pork Products Showcase area at the second World Pork Expo, held at the Springfield, Ill., fairgrounds, June 18 - 20. Sponsored by Elanco Products Company, the Pork Products Showcase, located in the Hobbies, Arts & Crafts Building, will display new pork products and illustrate the latest cutting, cooking and marketing techniques. Representatives of Elanco Products Company will have a booth located in the Showcase and conduct tours of the Pork Products displays.

Television celebrity chef Martin Yan will demonstrate the art of oriental cooking in four sessions each day of Expo. Joining Yan for one of Sunday's cooking demonstrations will be pork industry spokesperson, Peggy Fleming. Chet Holden, the official Expo chef who gave cooking demonstrations at last year's World Pork Expo in Des Moines, will be returning to give an encore performance. Holden will offer attendees a close look at ways to prepare pork and demonstrate a few delicious Midwestern pork recipes.

Another Expo sponsor, "Midwest Living" magazine, has invited its readers and others to develop and prepare new recipe ideas for the magazine for the "Pork For All Seasons" contest. Pork producers chosen from the audience will join a celebrity panel of judges, including pork industry spokesperson Peggy Fleming, in judging the top four contest entries. The judging will begin at 2:00 p.m. on Sunday. The winner will be announced at 2:45 p.m. in the Hobbies, Arts & Crafts Building.

Another highlight of the Pork Products Showcase area will be Tuesday's demonstrations of various cuts of fresh boneless pork by members of the National Pork Producers Council (NPPC) merchandising staff. Whole hog carcass cutting demonstrations will be held on Monday and Tuesday.

NPPC and the Pork Industry Group of the National Live Stock and Meat Board will have displays showing producers how check-off dollars are being invested in marketing, promotional, research information and education efforts.

Sample barbecue sandwiches, provided by Cookies Bar "B"Q" Sauce, and samples of "Presidential Pork Rinds", a favorite of President George Bush, will be available to all hungry visitors of the Pork Products Showcase display area. Also available, will be pamphlets on nutritional information about pork.

World Pork Expo is produced by the National Pork Producers Council in association with the National Pork Board.

Grange Takes Stand On Wetlands

HARRISBURG — The Pennsylvania State Grange, representing 42,000 rural Pennsylvanians, takes a stand on the draft regulations for wetlands across the Commonwealth.

According to Brenda Shambaugh, legislative director, the Grange believes that there should be a total exemption for agricultural practices on land with any historical agricultural use. This exemption should include the permit process and the 300 foot buffer zone.

"It is the Grange's belief that the wetland regulations were not intended to disrupt agricultural practices," said William H. Ringler, State Master. "Farming is not only a job, it is a way of life for many Pennsylvanians who are, in effect, stewards of the land. To limit a farmer's livelihood by not allowing him to farm land would have disastrous financial ramifications," he continued.

The Grange believes a clarification should be made concerning convictions of violations. Currently the draft states that no previous violations can exist. "A conviction should only hinder future permits for a specified number of years," said Shambaugh. "The Grange also feels 300 feet for a buffer zone in an agricultural setting is an extreme hindrance. We would recommend, therefore, that a much smaller buffer zone be approved for farming practices," continued Shambaugh.

As it is currently drafted, an alleged violator is guilty until he proves himself innocent. The Grange believes in the American process whereby a person is innocent until proven guilty.

The Pennsylvania State Grange is a 125-year-old farm and family organization.

LAND PRIDE

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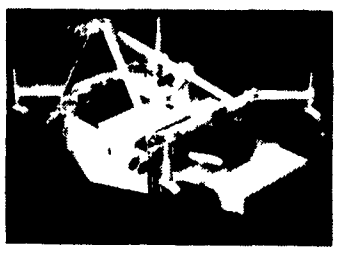

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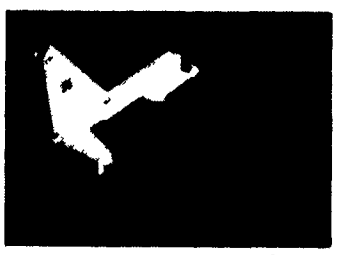
3-Sandle, 60" And 72"

BOX SCRAPERS
42" Through 84"



REAR BLADES
48" Through 96"

PULVERIZERS
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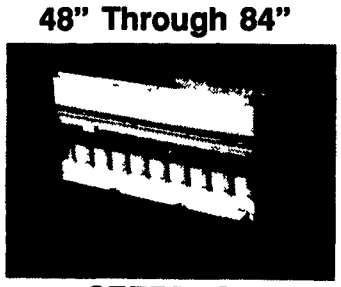
48" Through 72"



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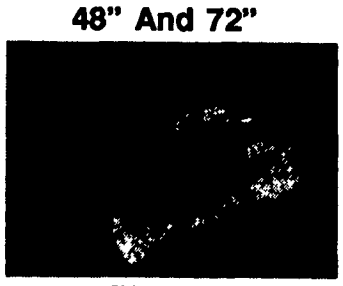

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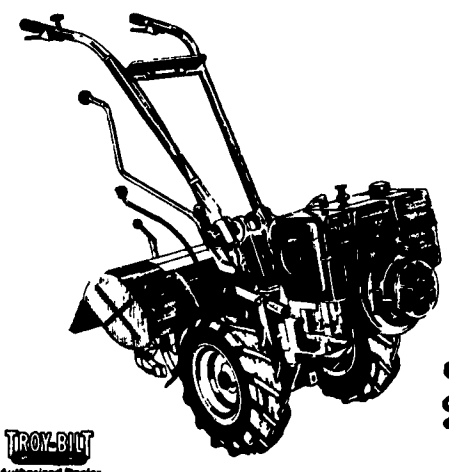

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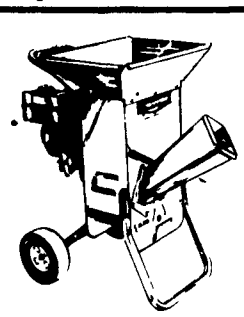

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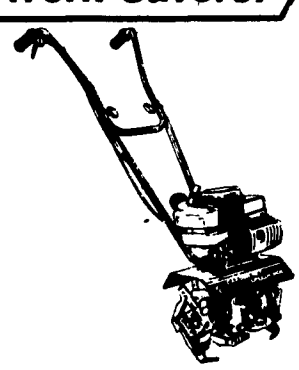

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Pioneer MGD Constructing New Facility

JOHNSTON, IA — Construction has begun on a new, 8,200-square foot manufacturing facility for the Microbial Genetics Division (MGD) of Pioneer. The building is being built at the current Durant Production site in Durant, Iowa, says Joe Lebeda, executive president, finance and production for MGD. The home office of MGD is located in Johnston.

"Once the building is completed September 1, we'll move the manufacturing of our microbial inoculants to the Durant plant," Lebeda says.

Durant plant manager Mark Johnson says granular crop inoculants will continue to be produced in the existing facility, as they have been for the last 11 years.

MGD manufactures and markets inoculants for silage and hay, and direct-fed microbial inoculants for livestock. The division also manufactures rhizobium inoculant for legumes, which is applied to seed sold by Pioneer. In addition to those product lines, since 1985 MGD has distributed vaccines manufactured by the Diamond Scientific Co. of Des Moines.

"Some of our products were produced and packaged at the Diamond Scientific Co. plant. Diamond has done a good job for us over the last three years. But our increase in sales, and the production needed to meet those sales, prompted us to take a very close look at production alternatives. It makes economic sense to have our own plant. In addition, it gives us better control of our destiny, so to speak, and will allow us better control of our production schedules," Lebeda says.

The facility will meet government specifications for animal health product manufacturing and packaging, Lebeda adds.

Five production areas in the Durant MGD plant include production of product, packaging, dry storage, cold storage, and shipping and receiving. "We'll also have a small office and a quality control laboratory. Finished product will be stored in the existing Durant facility warehouse," Lebeda says.

The one-story, precast concrete structure has been designed by Brooks, Borg and Skiles Architects and Engineers of Des Moines, Iowa.

The four primary contractors for the construction are: Merit Construction Co. of Cedar Rapids, which will handle mechanical construction; Baker Electric, Inc., Cedar Rapids, Iowa; and Johnson Controls, Inc., of Des Moines, environmental controls.

Construction of the production facility is being coordinated by the Property Planning Department of Pioneer.

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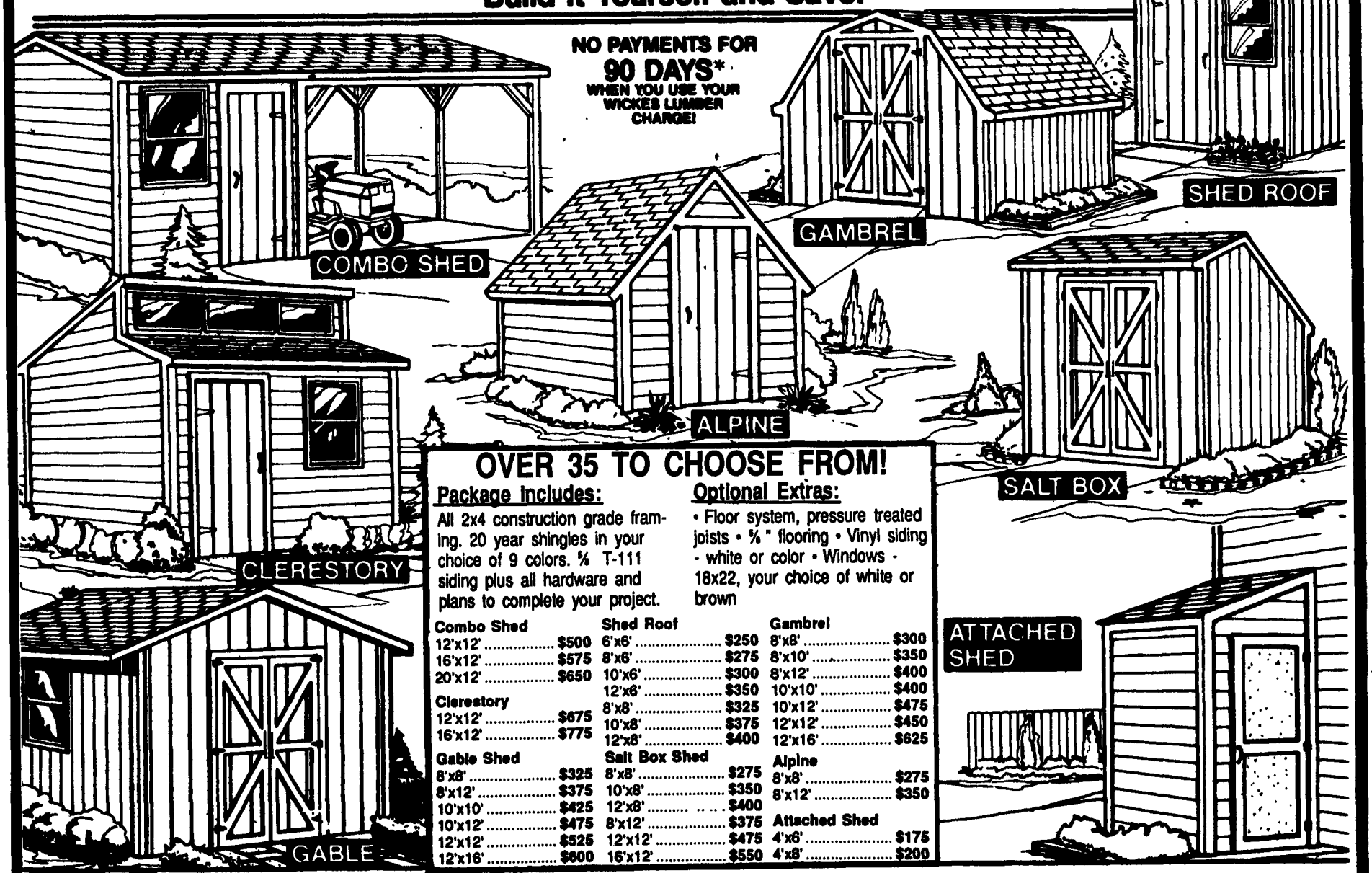

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Clerestory		12'x6'	$350	10'x10'	$400
12'x12'	$675	8'x8'	$325	10'x12'	$475
16'x12'	$775	10'x8'	$375	12'x12'	$450
Gable Shed		12'x8'	$400	12'x16'	$625
8'x8'	$325	**Salt Box Shed**		**Alpine**	
8'x12'	$375	8'x8'	$275	8'x8'	$275
10'x10'	$425	10'x8'	$350	8'x12'	$350
10'x12'	$475	12'x8'	$400		
12'x12'	$525	8'x12'	$375	**Attached Shed**	
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		16'x12'	$550	4'x8'	$200

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Monthly Report

BREED CODES

1—Ayrshire 2—Guernsey 3—Holstein 4—Jersey 5—Brown Swiss 6—M. Shorthorn 7—Red Dane 8—Mixed 9—Red and White

April, 1989
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Junge Farms	3	76.8	89.0	21,950	865
Hiddenview Holsteins	3	67.3	85.9	22,873	847
Daview Farm	3	69.6	85.1	21,438	821
Bos-Belle	3	6.3	88.6	23,066	814
Plushanski Farms Inc	3	154.9	85.5	19,910	804
Mark A Wolfskill	3	103.0	87.1	21,091	788
Merlin J Grube	B3	51.7	88.0	21,401	781
Mertz Brothers	3	43.4	87.9	21,310	773
David L Schrack	B3	103.7	87.2	19,337	770
Barry Barbara Good	B3	47.6	89.6	20,457	756
Retland Farm	3	56.6	85.9	20,449	754
Forrest C Stricker	B3	60.7	86.2	21,206	750
Heindel Farms Inc	3	35.6	88.8	19,479	746
Mervin Brubaker	3	70.3	83.5	20,523	742
Ken + Ralph Sanner	B3	79.2	87.6	19,909	741
Earl R Hafer	B3	147.6	87.0	21,211	739
Raymond A Seidel	3	38.2	90.0	19,288	737
Glenn B Gockley	B8	49.9	86.1	21,949	736
Leon H Martin	B3	42.0	86.4	19,982	734
George S Troutman Jr	B3	80.7	87.6	19,236	730
FGG Holsteins	3	69.0	85.4	18,662	728
Landis R Martin	B3	51.4	87.0	19,185	727
Show Top Farms	3	175.0	90.2	18,315	725
Zahncroft Farm	3	58.4	87.9	19,600	720
Vista Grande Farm	3	89.9	87.0	20,119	717
Bethany Dairy Farm	G3	46.5	88.4	19,635	716
DJSP Schuler	3	93.2	87.9	19,720	714
Gary-Martha Heffner	B3	42.9	87.2	19,080	711
Yost Brothers	B3	113.1	87.9	19,858	710
Martin & Missy Moyer	B3	53.4	86.7	19,073	709
George E Moyer	3	86.0	88.5	19,314	705
William G Howerter	3	91.2	87.7	18,248	705
Charles D Moyer	B3	128.2	88.6	19,847	703
Donald Burkholder	B3	110.5	85.9	19,548	703
David Gross	B3	43.9	90.0	18,683	700
Scattered Acres Inc	B3	154.7	80.9	19,442	699
Chris D Kratzer	B3	55.2	89.0	19,880	699
Swatara Dairy Farm	3	61.2	84.8	17,830	698
R JR+N Troutman	3	141.4	83.7	17,894	697
Bendy Brook Farm	3	46.7	86.1	18,340	695
Herb Top Farms	B3	40.6	87.7	18,870	694
Plentygood Holsteins	B3	63.2	84.3	17,651	693
Harold Schuler	3	39.8	86.7	18,850	690
Allen A Davis	B3	68.3	86.8	19,348	688
Leonard G Stoltzfus	3	73.8	87.6	18,554	688
FM Browns Sons Inc	B3	99.5	89.1	19,034	687
Jacob M Wise	G3	46.3	87.3	18,508	685
F Mark Weber	3	46.5	84.2	18,306	684
Pinnacle View Dairy	B3	40.3	88.6	17,422	684
Wooden Bridge Farm	B3	54.1	85.4	19,204	684
Tulpa-Canal Farm	B3	36.8	87.8	19,678	679
Oleka Acres	3	59.9	86.3	18,978	679
Arlan Krick	B3	69.0	86.8	17,819	678
Harvey M Weaver	G3	49.5	86.5	18,876	677
Bernell L Burkholder	B3	42.3	84.2	18,460	677
Reu Hel Farms Inc	3	101.3	87.5	18,972	677
Way Har Farms	B3	113.2	89.4	17,731	676
Glenn+Brenda Howard	B3	146.9	88.1	17,931	673
Carl Meyer	B3	68.7	87.4	18,001	673
Robert C Dreisbach	4	83.5	84.0	13,623	672
Grumbro Holsteins	3	49.0	84.3	17,597	670
Ken & Debra Dietrich	B3	46.7	86.9	18,545	669
Andrew D Stoltzfus	B3	109.4	90.2	17,744	669
Fred J Walters	B3	84.7	88.2	17,725	667
Ronald Kelchner	B3	83.7	87.0	18,641	667
Larry E Phillips	B3	37.0	86.7	18,883	663
Melvin M Oberholtzer	B3	42.9	88.2	21,051	662
Clarence B Kulp	3	61.1	88.9	19,032	662
Meadow Spring Farm	B3	58.1	82.7	18,120	660
James Phillips	4	6.2	92.1	12,274	657
Greg + Pearl Koenig	B3	45.0	83.0	19,067	657
Rolling Acres Farm	G3	36.8	86.6	18,995	657
Joe & Deb Kohler	B3	38.5	85.5	18,569	657
Wilhomar Farm	3	42.7	86.1	18,284	656
Ray W Seidel	B3	39.4	82.1	17,837	655
Kenneth Zook	B3	57.7	89.7	17,713	654
David L Phillips	B8	1.7	89.1	15,649	654
Harvey C Krill Jr	B3	55.2	89.9	17,278	653
Floyd Kurtz	B3	65.3	89.2	17,761	652
Red Fever Farm	B3	68.6	89.4	18,834	651
Herb Top Farms Jer	B4	6.8	86.1	13,527	649
John H Stump	3	75.8	90.0	18,258	648
Lynnacres	3	211.0	90.3	17,306	646
Steven E Wagner	G3	31.8	92.2	18,130	645
Ray E Bicksler	3	51.6	89.5	17,319	644
Ernest O Miller	3	234.9	83.9	17,567	642
Elvin Brubaker	B3	43.7	86.8	18,523	642
Terry Kunkel	B3	41.3	85.0	17,626	640
Carl+Donna Hoffman	B3	38.6	86.1	17,046	639
Phillip J Werley	B3	62.1	87.3	16,654	638
Alton Rohrbach	B3	57.8	87.7	17,399	636
Robert Yanos	B3	55.1	88.2	16,845	635
Win-Dale Farms	B4	49.6	88.3	12,423	634
Donald B Duncan	B3	101.8	87.7	17,717	633
James Phillips	3	57.8	86.7	18,557	633
Larry Grumbine	3	46.7	83.5	17,042	632
Whirlwind Acres	B3	114.5	88.8	17,914	631
Ring-Kul Farm	B3	39.2	87.1	18,136	629
Wilmer Dreibelbis Jr	B3	108.5	86.1	17,636	629
Lawrence Kieffer	B3	100.3	87.7	17,068	625
Clarence C Sattazahn	B3	105.4	89.9	16,897	624
Bruce Reigel	G3	37.6	86.5	15,722	623
Louis E Moyer	3	61.8	82.7	16,651	618
Clyde Loump	B3	58.1	84.7	17,327	618
Robert L Sattazahn	B3	105.2	89.6	17,467	613
David Y Knauer	B3	53.6	88.2	17,705	610
Lowell C Kurtz	B3	37.9	86.8	17,502	609
Ernest C Hoffman	3	59.6	88.7	16,556	605
Wilhelminia Schmidt	3	56.3	88.0	17,149	603
E Daniel Leatherman	B3	67.1	86.9	16,063	601
Luke Snyder	B3	64.1	83.5	16,688	600
Ker Min Farms	3	88.7	87.2	16,582	599
Heindel Farms Inc	1	23.8	84.5	15,042	599
Pine Brook Farm	3	118.0	86.3	16,793	598
Carl H Rabenold	B3	66.4	85.7	17,830	595
William Claxton	B8	40.9	84.3	16,710	593
Robert E Kieffer	G3	64.7	87.8	16,460	592
Mervin Z Martin	B3	43.8	88.5	17,846	591
Ronald L O Neil	G3	46.4	87.0	16,424	590
Daniel J Harnish	B3	100.2	84.9	16,456	590
Elam G Hoover	B3	82.9	85.9	15,663	588
David L Phillips	4	34.0	85.2	12,876	587
Ontelynn Acres	3	130.6	87.2	15,194	587
Raymond L Kulp-Son	B3	88.8	89.6	15,295	585
Nathan Nolt	G3	55.4	84.4	16,228	585
Teen Chal Farm	B3	105.1	84.1	15,792	584
Glenn R Harnish	B3	144.2	85.1	16,014	583
Glenn E Hoffman	B3	58.3	84.5	15,875	583
Rothrock Golden Hol	B3	171.3	72.6	16,187	583
James H Adam	B3	105.5	89.8	16,634	583

(Turn to Page D29)

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TRI-STATE FARM AUTOMATION, Hagerstown, MD, 301-790-3698

Tioga Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

April, 1989
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Robert Kittle	B3	31.2	91.8	23,795	825
Mike Buckwalter	3	53.6	83.4	21,432	781
L&J Holsteins	3	38.4	87.0	20,158	773
Doug+Jenny Lawton	3	63.4	89.6	20,881	770
Charles&Doris Porter	3	49.4	91.3	21,607	769
Terry&Linda Long	B3	35.1	90.8	21,072	756
Allan J Lilley	B3	42.4	88.7	20,538	748
Gor-Wood-D	3	156.1	87.1	21,133	742
Emery-Rick Davis	B3	55.0	86.8	19,999	729
Charles D Groover	3	16.0	88.6	19,143	727
Tom Gruver	B3	38.0	91.4	20,508	719
Bill Lichty	B3	52.3	89.1	18,092	718
Double B Highlight	B3	75.2	85.3	19,657	715
Leemon E Gaugler	3	40.0	89.8	18,412	706
William Chamberlain	3	46.4	87.2	19,952	706
Schmelway Farms	3	52.0	87.0	19,173	698
Galen & Dale Jackson	B3	38.1	84.7	18,635	695
Middle Ridge Farm	B3	109.8	91.3	17,198	694
Dave+Donna Cleveland	B3	43.9	80.9	20,037	691
Glenn Bowen	3	37.3	85.9	19,128	691
Don+Russ Tshudy	B3	47.8	88.4	17,619	691
Richard Groover	3	39.0	84.7	18,925	690
Clark Bowen & Son	3	51.8	87.4	19,129	687
War-Bern Farm	3	112.9	81.7	18,628	686
Cd Lichty+Son Dave	B3	68.4	89.3	17,732	673
By-Way-Jersey	4	35.5	87.4	14,665	669
Robert L Miller	B3	77.7	86.0	19,460	668
Robert+Janice Landis	B3	38.0	89.5	18,370	665
Johnson's Farm	B3	83.2	86.7	18,455	665
Robert Shanley	3	68.8	86.5	18,209	664
Clifford Brace	B3	50.6	85.8	18,400	661
Cecil R Moyer	B3	48.7	85.9	17,525	657
Chris Gaugler	3	43.7	87.8	16,392	656
Thomas Groover	B3	22.4	86.7	17,316	654
Sweetbriar Acres	B3	86.3	89.2	18,074	654
Simalot Holsteins	3	53.8	85.8	17,077	653
Harry's Dairy	G3	56.3	85.5	18,219	652
Vernon H Good	G3	49.6	84.7	19,627	651
Oliver+Marian Butler	3	58.3	87.6	18,418	651
Roy A Schanbacher	3	64.8	84.6	18,226	650

Lactations

Schmelway Farms Jay	5-6	305	26,028	3.9	1031
Mike Buckwalter Pamela	6-9	305	26,889	3.7	1013
Sundanc	3-11	305	26,870	3.5	960
Terry & Linda Long Wilma	6-4	305	24,139	4.1	996
Clair	5-0	305	24,166	3.7	901
Gor-Wood-D Timid	4-7	305	25,521	3.8	981
Gretchn	5-10	305	24,112	3.6	886
Miranda	4-4	305	21,112	4.1	869
Sassy	5-5	305	23,563	3.6	868
Middle Ridge Farm 19	3-10	305	21,673	4.3	946
368	5-2	305	16,774	5.3	904
24	3-11	283	17,173	5.0	868
66	2-6	305	18,985	4.5	855
War-Bern Farm Kat	4-9	305	22,756	4.0	919
Bruce T Metzger Beauty	6-5	305	23,308	3.8	890
Double B Highlight Hilda	4-8	305	22,842	3.8	887
Bill Peoples Iris	4-7	305	21,322	4.0	871
Charles & Doris Porter Marybl	5-4	305	25,538	3.3	860

Berks Co. DHIA

(Continued from Page D28)

Daryl-Michele Kunkel	B3	42.5	88.4	18,006	582
L and L Farms	B3	48.3	83.1	16,409	582
J D Rosenbaum & Son	B3	69.9	87.0	14,973	579
Irvin G Weaver	B3	59.5	84.4	14,843	578
Lester Martin	B3	52.5	83.3	15,712	578
William C Adams	B3	91.1	89.7	13,914	576
Harold Fenstermaker	3	32.6	87.1	14,360	576
Kehl Brothers Inc	B3	85.8	85.1	15,412	571
Charles W Wagner	B3	47.7	87.4	16,003	570
Ro Ria Farms	B3	232.4	88.4	14,573	568
John R Lash	G3	68.9	89.6	14,458	568
Donald E Landis	3	135.0	88.5	15,980	567
Barry Moyer	B8	33:1	93.0	16,064	565
Richard W Hoppes	B3	63.4	85.2	15,040	560
Rodger L Wagner	B3	150.9	85.3	14,884	558
William J Steckel	B3	61.7	84.6	16,707	558
Wilson M Balthaser	B8	81.6	84.5	14,534	554

MAMMA

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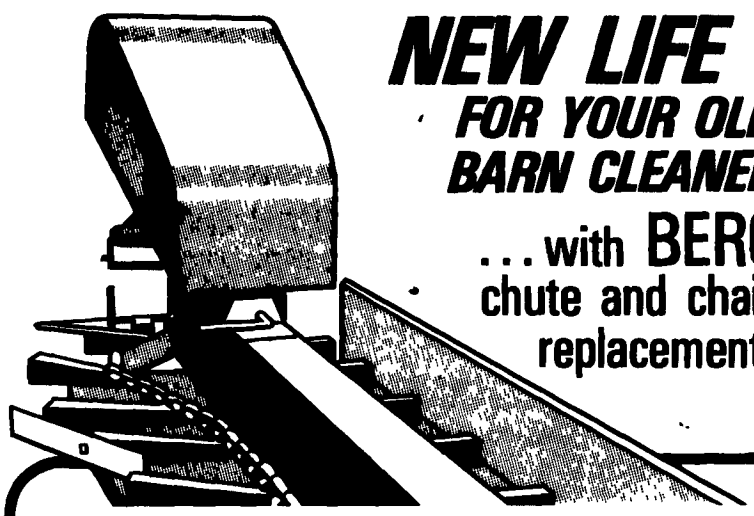

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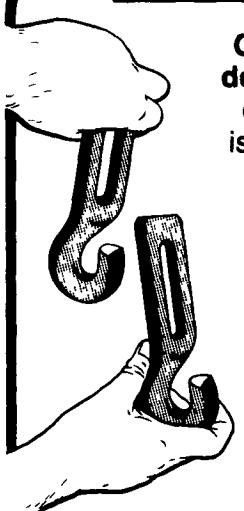

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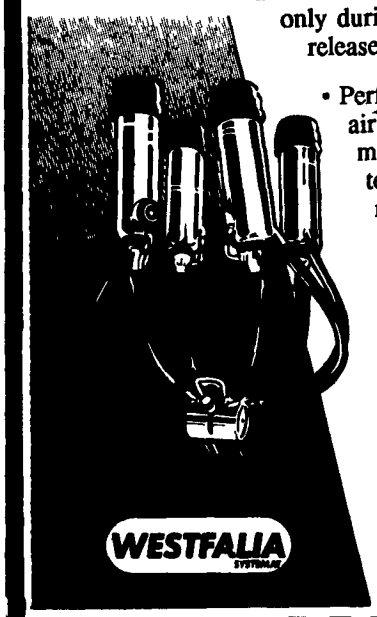

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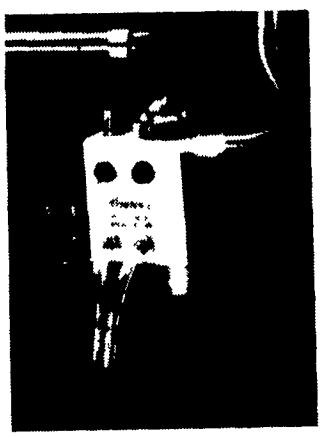

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Pope To Keynote Angus Meeting

ST. JOSEPH, Mo. — Dr. L.S. "Bill" Pope, one of the nation's top agricultural educators and president and director of the International Stockmen's Educational Foundation, will keynote the 1989 National Angus Conference August 28-29-30 at the University of Georgia in Athens.

Theme for this year's Conference is "Angus Production and Marketing in the 90s and Beyond," says Richard L. "Dick" Spader, executive vice president of the American Angus Association. Pope's keynote, which will kick off the formal part of the program on Tuesday morning, August 29, is titled "The Challenge of the '90s."

The program is designed for both registered and commercial beef cattle producers. It will include sessions on bull buying, selection and merchandising, and how to market feeder cattle so as to get paid for bred-in superior genetics.

Historic and beautiful Athens, Georgia, will be the jumping off place for a one-day beef cattle tour sponsored by the Georgia Angus Association on the first day, Monday, August 28. The tour will begin with an ultrasonics demonstration at the University of Georgia Farms. The steers will be slaughtered and the ultrasonic results compared with actual carcass characteristics during the conference program on Wednesday morning. The tour will give interested cattle producers a closeup-look at the Georgia cattle industry, both registered and commercial. It will conclude with a reception and dinner at Circle G Ranch, Hampton, Georgia, and a drive back to Athens through one of the most beautiful and historic small towns in Georgia.

The formal program will begin at 8 a.m. Tuesday morning in the University of Georgia Tate Student Center Theater. A unique opening slide presentation is planned to be followed by Dr. Pope's keynote address.

Dr. Pope is a graduate of Michigan State University where he was a member of the livestock judging team. He earned his M.S. and Ph.D degrees from Oklahoma State University in animal nutrition, and was appointed Head of the Department of Animal Science there in 1963. He has taught and authored many articles on beef cattle nutrition and management. In 1968 he was appointed Associate Dean for Administrative Affairs at the Texas A&M College of Agriculture and was named Dean of Agriculture and Home Economics at New Mexico State University in 1976. He took leave from New Mexico State in 1985 to head the International Stockmen's Education Foundation and develop a new Agricultural Leadership Program for Texas A&M University.

Headquarter hotels for the Conference are the Holiday Inn and Ramada Inn in Athens. Registration information for both the Conference and the Tour can be obtained by telephoning the American Angus Association, 816/233-3101.

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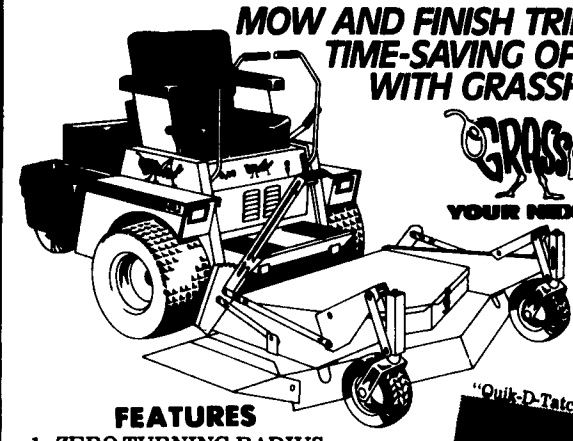

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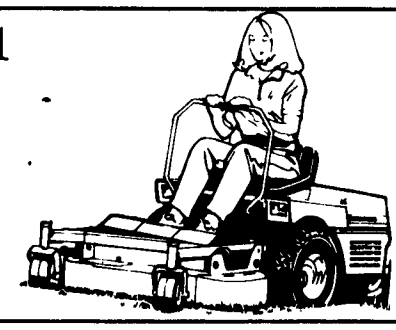

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Chester Co. DHIA dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

March 1989

Name	Brd.	No. Cows	% Days In Milk		Milk Lbs.	Fat Lbs.
Dunwood Farm	3	53.4	88.1		22,452	849
Chris&Ches Stoltzfus	3	55.2	89.6		20,996	823
Joseph Lusby	3	59.8	87.7		21,728	818
Ardrossan Farms	1	120.4	88.5		19,698	817
Timothy Barlow	3	90.9	89.5		21,043	802
Herman Stoltzfus	3	53.0	88.0		21,223	789
Dale Hostetter	3	51.6	88.5		20,959	786
H&R Mason	3	142.9	90.2		20,931	778
Ken+Marilyn Umble	3	61.1	88.1		21,262	773
Maplesway Farm	3	70.1	90.4		20,383	764
Vernon Guest & Son	B3	96.8	88.6		19,498	764
Samuel K Stoltzfus	3	45.8	87.3		19,690	762
Timberview Farm	3	58.0	88.2		18,630	756
Harold J Ranck	3	62.5	85.4		19,762	755
Breck-A-De Farm	3	85.3	86.4		20,111	753
Joy-Wil Farms	B3	143.4	83.8		19,379	748
J Harold Bare	3	74.8	84.7		19,407	739
Daniel R Stoltzfus	3	35.4	88.6		19,876	739
David F King	B3	64.3	87.2		19,790	739
John S Stoltzfus	3	71.1	89.3		18,822	738
David K Stoltzfus	B3	43.9	87.4		19,868	738
Richard Hostetter	3	43.3	85.3		19,972	737
Thomas C Kearns	B3	43.1	86.1		19,449	736
Pei-Valley Farm	3	84.6	87.3		18,926	736
New Bolton Ctr Unit 4	B3	45.3	84.8		20,405	735
David&Dawn Windle	3	55.3	85.4		19,591	734
Timothy Kurtz	B3	86.5	87.0		21,196	733
Paul Smoker	G3	62.7	86.9		21,323	727
Kevin Stahlnecker	B8	47.3	86.4		18,159	725
Martin Weaver Jr	3	37.1	83.4		19,379	724
Gerald L Kulp	B3	85.0	87.4		19,123	724
Roy+Ruth Ann Bender	B3	64.7	81.6		20,431	721
Mark&Melody Stoltzfs	B3	58.2	84.5		19,083	721
Merle J King	B3	99.3	85.2		19,644	719
Lloyd Mast & Sons	3	113.7	87.8		18,357	718
Floyd Miller & Sons	B3	74.6	84.6		19,513	714
Mast Stoltzfus	3	52.1	90.2		19,444	713
John P Kauffman	B3	42.7	88.9		19,958	712
William L Stoltzfus	3	54.2	86.6		18,070	708
Calvin R Blank	B3	55.4	90.2		19,011	705
Arthur+Duane Hershey	3	66.3	82.9		18,910	704
Meadow Oak Farm	B3	49.2	86.6		18,882	700
Star Point Holsteins	B3	70.4	83.7		18,907	699
Benjamin K Kauffman	B3	45.9	90.2		18,914	698
Paul Martin	B3	63.0	88.8		19,635	698
Amos J Stoltzfus	3	49.5	82.1		19,298	697
Spring Aqua Farm	3	88.6	88.4		19,165	697
David Bartram	B3	111.6	88.4		18,491	695
Joel C Brown	B3	117.2	88.8		18,448	694
John K Kauffman	B3	36.0	87.1		20,161	692
Star Point Jerseys	4	16.5	87.8		15,283	689
Rocky-Side Farm	3	66.2	88.1		19,393	688
Elvin R + Carol Mast	B3	89.9	87.0		18,168	687
Leon D Kurtz	3	45.1	84.9		18,581	686
Landis S Reid	B3	63.4	86.1		18,130	685
Jesse E Lair	G3	85.9	87.1		18,874	685
St Johns Dairy	B3	101.6	86.8		19,171	685
J Elmer Lapp	3	39.1	86.6		18,941	683
Richard Hoover	B3	122.2	87.1		18,019	678
Susan Weaver	3	78.3	83.0		17,217	676
Geo Strutynski+Sons	B3	95.4	85.9		17,059	675
Amos K Kauffman	3	41.3	88.2		19,259	673
Charles-Don Gable	1	70.7	82.5		15,699	670
Robert+Sharon Nolan	3	59.7	86.3		18,886	669
Duane&Carolyn Eberly	B3	63.7	88.4		18,358	669
Jonas K King	B3	45.2	84.2		18,814	667
Sam+Marian Stoltzfus	B3	39.4	84.3		18,768	665
Dennis Bush	B3	149.5	87.2		16,795	660
Abner R King	B3	38.2	84.6		17,233	659
Landhope Farms	B3	409.8	87.7		18,346	659
David S Stoltzfus	G3	35.8	85.0		18,581	657
Hoopes T Yarnall	3	73.7	88.6		16,606	654
Evergreen Farm	G3	97.3	88.6		17,063	654
Wye Brooke Farm	B3	64.1	81.2		17,829	654
Highpoint Acres	B3	115.0	86.2		17,348	650

The cow with high fat was owned by Joy-Wil Farms.
The cow with high milk was owned by Timothy Barlow.

Joy-Wil Farms						
#Bonny	3	5-2	305	24,944	4.9	1227
#Jessie	3	4-2	305	25,395	3.9	994
50	3	4-8	305	19,797	4.4	881

(Turn to Page D32)

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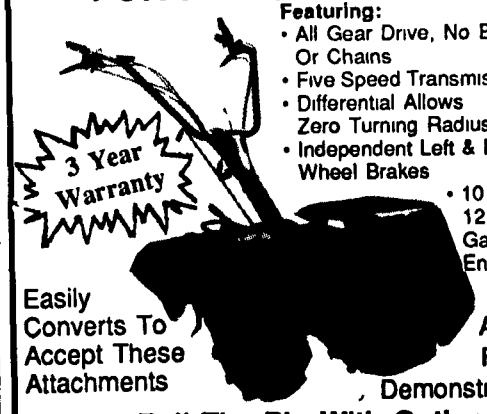

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(Continued from Page D31)

Miss	3	8-2	305	20,950	3.9	819
Joseph Lusby						
#Stacy	3	4-2	305	21,060	5.0	1052
Anette	3	3-2	305	26,244	3.3	884
Segis	3	8-6	305	22,950	3.5	813
Benjamin K Kauffman						
Vera	3	3-11	305	23,760	4.2	1011
Sadie	3	5-6	305	21,215	3.8	816
Norman Laffey						
220	3	5-9	305	25,754	3.8	1002
Spring Aqua Farm						
200	3	2-11	305	24,275	4.0	988
Chris & Ches Stoltzfus						
Harriet	3	8-10	305	23,599	4.1	988
Mariann	3	3-4	305	22,669	3.8	882
Dunwood Farm						
Lynn	3	4-10	305	22,211	4.4	983
Vernon Guest & Son						
Joyous	3	6-8	305	24,106	4.0	982
Lottie	3	4-5	305	21,027	3.9	829
Lloyd Mast & Sons						
170	3	4-4	305	22,663	4.2	957
103	3	4-3	301	19,888	4.4	884
Star Point Holsteins						
81	3	4-2	305	25,083	3.7	944
Nora	3	5-4	305	22,200	3.8	852
Dennis Bush						
530	3	4-7	298	18,894	5.0	944
532	3	4-6	305	20,482	4.4	919
613	3	3-3	286	17,717	4.8	850
Dale Hostetter						
Palm	3	4-0	305	24,239	3.8	940
Elvin R & Carol Mast						
Alta-2	3	6-7	305	20,458	4.5	940
Leon D Kurtz						
Pabst	3	6-2	305	25,586	3.6	939
Geo Strutynski & Sons						
26	3	6-5	305	19,433	4.8	939
William L Stoltzfus						
Molly	3	3-9	305	22,248	4.1	931
Calvin R Blank						
Sue	3	4-10	305	19,163	4.7	910
Noel	3	6-7	287	22,923	3.7	850
Timothy Barlow						
Dottie	3	5-11	305	28,255	3.2	907
Christn	3	4-8	305	21,026	4.2	886
Jolly	3	5-1	305	21,610	4.0	869
Gerald L Kulp						
277	3	9-1	296	18,920	4.6	882
102	3	4-0	305	22,480	3.8	856
21	3	4-4	305	19,987	4.0	813
34	3	4-10	305	22,558	3.5	801
Mast Stoltzfus						
Fairy	3	3-5	305	20,839	4.2	875
Laurie	3	3-3	305	21,303	3.7	804
Herman Stoltzfus						
Janet	3	4-11	305	25,125	3.4	862
Hoopes T Yarnall						
48D	3	9-7	305	20,290	4.2	857
Elk Spring Farm						
53	3	5-4	305	19,213	4.4	857
109	3	5-1	297	22,050	3.7	830
Ardrossan Farms						
N-Vue	1	3-5	305	22,693	3.7	854
Gingling	1	3-7	302	20,978	3.9	825
T-Rose	1	2-6	305	19,871	4.0	811
Duane & Carolyn Eberly						
49	3	3-1	305	22,280	3.8	854
John P Kauffman						
Joy	3	6-7	305	21,449	3.9	843
Donald M Horning						
126	3	6-3	305	18,782	4.4	841
David K Stoltzfus						
19	3	4-5	305	24,419	3.4	836
20	3	4-3	305	23,061	3.5	808
David L Weaver						
17	3	6-5	305	20,220	4.1	836
Hillside Farm						
18	3	5-1	305	20,463	4.0	826
H&R Mason						
380	3	3-4	305	19,634	4.1	819
Joel C Brown						
1507	3	3-3	305	21,399	3.8	814
Sam & Marian Stoltzfus						
128	3	6-4	305	23,872	3.4	811
Richard Hoover						
167	3	6-7	282	17,917	4.5	809
174	3	5-3	305	23,212	3.4	802
Ridglea Farm						
29	3	5-2	295	17,328	4.6	807
29	3	5-1	269	18,035	4.4	805
Amos J Stoltzfus						
Joanna	3	5-2	305	18,723	4.3	805
Walmoore #3						
391	3	2-11	305	18,176	4.4	800

Farmers Urged To File Acreage Reports

YORK — "We encourage all farmers, whether they participate in farm programs or not, to file an acreage report and protect their crop acreage bases," David S. Evans, chairperson of the York County ASC Committee, said.

By certifying crop acres, producers establish documentation for future crop acreage bases and also eligibility for different benefits under farm programs if they decide to participate.

Farm program participants are required to report crops and acreages planted, the uses to be made of these crops, and cropland acres to be devoted to the acreage conservation reserve. When farmers report to the ASCS office, they can review aerial photographs of their farm and pinpoint the fields in which the crops are grown. This information is then documented for program compliance and crop acreage bases.

Evans stated, "It is mandatory for farmers who are participating in this year's programs to file an acreage report," because without the report, they are not really a program participant. "Evans said the report must be filed in order to determine the level at which producers are eligible for price support loans, deficiency payments and other program benefits.

Evans added that farmers must report acreages to their local ASCS office. Final certification dates for program crops are June 15 for fall seeded small grains plus oats, and July 15 for spring seeded crops, except oats.

Wayne County Extension Agent Receives Award

HONESDALE (Wayne) — Debra A. Bryant, Penn State Cooperative Extension agent in Wayne County, was honored for receiving the 1989 Outstanding Family Living Program Award. The award was presented at the Pennsylvania Association of Extension Home Economists' annual meeting held recently at Penn State.

She has responsibility for family living extension programming in Wayne County and is an extension home economist. Bryant provides educational programs on foods and nutrition, including food safety and diet and nutrition, as well as programs on housing and the home environment, financial management and individual and family well-being.

The Outstanding Family Living Program Award is designed to recognize a home economist for quality family living programming. Emphasis in determining the winner is placed on two to three programs that best exemplify program impact. The award is given to a home economist that has had five years or less of experience in extension and who will be attending the association's national meeting. The winner also receives a monetary award to be used for expenses in attending the National Association of Extension Home Economists' meeting.

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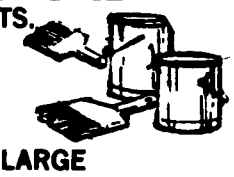

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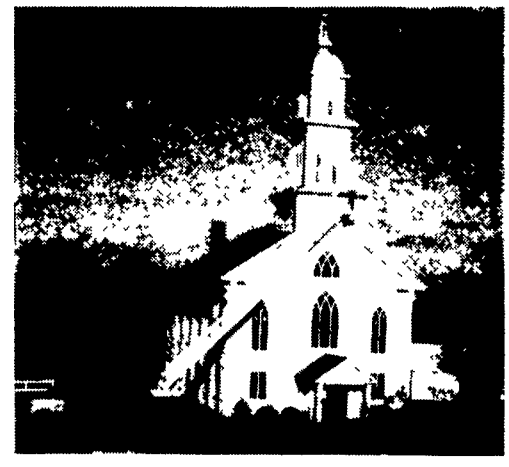

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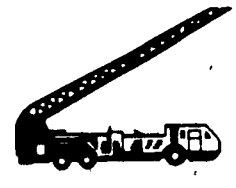

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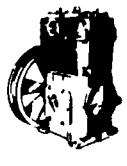

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Dauphin County To Spray Gypsy Moths In 1990

DAUPHIN — A recent interview with Duayne Forsberg, resource specialist with the Dauphin County Conservation District, outlined the procedure landowners should follow in Dauphin County to request "possible" gypsy moth spraying of their properties for 1990.

A complex cooperative suppression program involving three levels of government was explained by Forsberg. The first topics Forsberg emphasized related to the actual spraying. "Aerial spraying can not and will not eradicate the gypsy moth. The suppression is just that, to reduce the caterpillar nuisance and provide foliage protection to forested residential areas."

The insecticide planned for use in 1990 is **Bacillus thuringiensis** (Bt). Bt is a fermented bacteria, not a chemical insecticide. Once the Bt is sprayed by helicopter onto tree foliage, it is in turn ingested by the gypsy moth caterpillars as they consume the treated foliage as food. The Bt dissolves in their stomachs causing the stomach to swell and burst. This causes the caterpillar to die of starvation or bacteria poisoning within a week. This strain of Bt is only toxic to the insect order Lepidoptera, being butterflies and moths.

Forsberg acknowledged that experience with Bt across the state during the past few years has demonstrated that one application of Bt is not very effective against healthy gypsy moth populations in excess of 5,000 egg masses per acre. Such extremely high populations are not expected in Dauphin County this spring or next year.

In these severe infestations the remaining percentage of surviving caterpillars may still be sufficient to cause severe defoliation and also be a nuisance to residents, even after receiving a treatment with Bt. Landowners in such areas may consider an alternative treatment with another insecticide applied by a local aerial applicator. Such application would not be part of the county-state program.

Overall, the Pennsylvania Department of Environmental Resources, Bureau of Forestry, administers and sets forth the spraying program. The majority of spraying funds are provided by the Commonwealth. Locally, the Dauphin County Commissioners through the Dauphin County Conservation District, will coordinate the field work with municipal assistance. Municipal and county government also provide funds for spraying.

When Forsberg was asked how a landowner should request spraying for 1990, he stated, "It would depend on where the property was located in the county." According to the Dauphin County policy, landowners south of Peters Mountain should direct their request for spraying to their township or borough office. Forsberg said, "The Dauphin County Conservation District will not record requests received from landowners in the southern half of the county."

However, he did state that the Conservation District will record spraying requests from landowners north of Peters Mountain, including Rush Township. "Municipalities in upper Dauphin County are simply without full-time office staff that landowners can call. Our office will provide this service for upper Dauphin citizens." The Dauphin County Conservation District can be called at 921-8100 weekdays between 8:30 a.m. and 4:30 p.m.

Requests for spraying should be placed while the gypsy moth caterpillars are actively feeding from May to July. The county has set a deadline of July 7, 1989, for spraying requests to be recorded for the 1990 spraying program.

Forsberg said that from August to October 1st, he will conduct field investigations of requested areas to determine if they are eligible for spraying. He stressed that, "submitting a request is not a guarantee for spraying." DER and Dauphin County have developed a set of guidelines that must be met before any area is sprayed."

The major "requirements" were highlighted by Forsberg. "Only forested residential or special use areas can be sprayed. Undeveloped and uninhabited forest lands will not be sprayed by DER. An area must be 25 acres or larger in size, contain 250 or more healthy egg masses per acre, have a crown cover of at least 20 percent and contain tree species that are susceptible to gypsy moth damage." A county requirement clarifies that the only areas to be surveyed are locations where landowners have consolidated their interests for spraying. Forsberg asked that, landowners should avoid removing or destroying egg masses before October 1st. Doing so could mean the difference between being sprayed or not. Simply put, if a homeowner destroys visible egg masses before Forsberg conducts a survey, he may not find sufficient egg masses, 250 or more per acre, to qualify the area for spraying. If a landowner is confronting problems from other species of leaf eating caterpillars, aerial spraying from the state and county sponsored program is not available.

He also emphasized that, "Spraying in 1990 will only occur in municipalities where either the township supervisors or borough council members have agreed to provide municipal funds for spraying." Municipal officials must notify the Conservation District by July 31, 1989, with their funding decision. Thirteen municipalities were listed by Forsberg that have insufficient forestland that could contain a major gypsy moth problem. They are the Boroughs of: Berrysburg, Halifax, Highspire, Hummelstown, Middletown, Paxtang, Penbrook, Royalton, Steelton and the City of Harrisburg along with the Townships of: Lower Swatara, South Hanover and Swatar. "If a request for spraying is received from a landowner in one of these municipalities, there would be only a slight possibility that the area would qualify under state and county guidelines," said Forsberg.

"Once field investigations are completed and if the requested areas qualify, he will submit the county's proposed treatment areas to DER before October 1st. We should know by November 25, 1989, which treatment areas DER has accepted or rejected." Spraying would occur in mid-May. Two publications are available from the Dauphin County Conservation District. "Gypsy Moth Control Options for the Homeowner" explains various control methods and a list of aerial applicators that are willing to spray for gypsy moth in Pennsylvania can help the landowner who is considering taking on their own control project.

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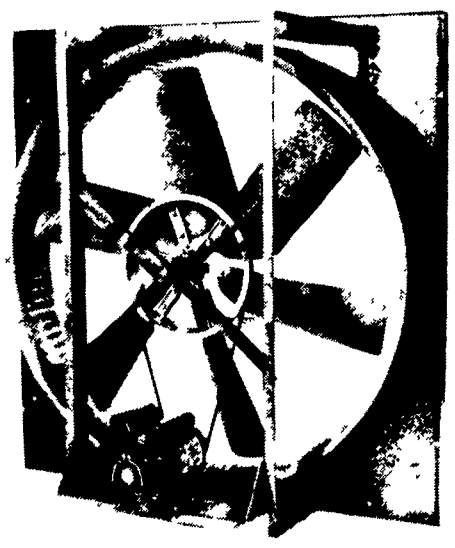

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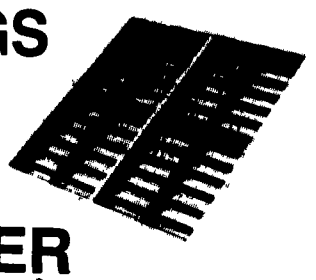

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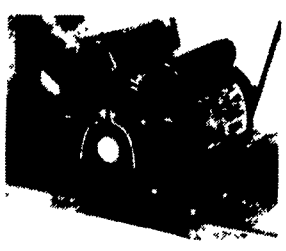

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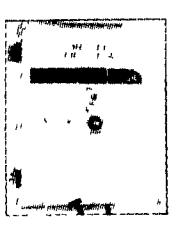

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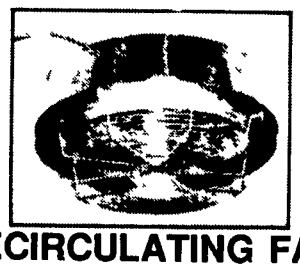

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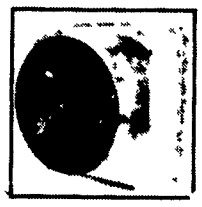

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Pennsylvania Dairy Herd Improvement Association

April, 1989
Rolling Herd Averages

Name	Brd.	No. Cows	Lbs. Milk	Lbs. Fat
RV&SV Hollenshead	B3	133	23,365	853
Oakleigh Farm	3	121	20,781	821
Wayne A Hall	3	39	22,752	806
Roger Beck	3	82	19,074	796
Alvin Meyers	3	53	20,680	782
Stephen J Mellott	B3	119	20,224	751
Mike Flannery	B3	81	20,721	743
Leigh & Curtis Knepper	B3	10	19,787	742
Culbertson Green Farm	B3	114	19,291	738
C Richard Locke	B3	109	18,506	736
Doug and Barb McCulloh	B3	94	20,338	736
Jaye & JC Young Jr	3	65	19,434	730
White-Mar Farm	B3	67	20,679	730
Mark W Meyers	3	87	20,405	727
James & Nina Burdette	3	64	18,851	725
Edwin R Eby	3	63	18,933	723
Garnet Eshelman Jr	B3	46	20,049	718
Mervin & Rachel Frey	B3	60	19,430	716
C Glenn Daugherty	3	124	20,045	715
Sen-Lee Holsteins	B3	44	19,907	707
Kenneth L Caufman	B3	35	19,060	706
Stanley J Helman	3	73	19,914	702
Carl O Stuff	3	52	19,330	702
Fred E & Dale Rice	3	192	18,585	702
Robert E Harwood	3	109	19,818	700
Daniel D Eberly	B3	73	19,076	700
Harold Goshorn	G3	82	18,685	697
Roger & Ruthe Benedict	G3	97	18,708	694
Raising Kane Farm	B3	40	17,428	693
Long Lane Holstein	B3	14	18,544	693
Ivan D Horst	3	76	18,710	693
Virgil & Daryl Crider	B3	107	18,403	688
Dale Wadel	B3	81	18,489	684
Meyers Bros Dairy	3	154	18,635	681
Kenneth Mellott	3	121	18,561	680
Keeners Dairy	3	113	17,765	678
Robert Grove	3	91	18,594	678
Richard Harshman & Son	3	72	19,150	677

Lactations

Oakleigh Farm						
Wendy	RH	7-7	305	23,167	737	834
Robert E Harwood						
35	RH	6-4	305	25,923	751	942
53	RH	5-1	305	23,576	760	941
Roger Beck						
Blitz	RH	5-7	305	24,481	778	883
Jaye & JC Young Jr						
Molly	RH	7-2	305	21,358	700	911
Apex	RH	5-10	305	24,686	756	954
Marcus & Chester Martin						
Marble	RH	7-3	305	22,621	692	902
J Eldon Crider						
Rita	RH	3-5	305	24,485	686	923
Holly-2	RH	3-2	305	19,026	660	889
C Glenn Daugherty						
Bertha	RH	6-4	305	23,205	789	913
Burk Lea Farms						
228	RH	3-5	305	21,490	741	906
Wayne A Hall						
Esther	RH	8-3	305	25,456	780	892
Michele	RH	5-7	305	27,676	778	925
Sandy	RH	4-9	305	26,243	786	897
Alvin Meyers						
Jan 56	RH	6-8	305	24,548	751	950
Zena 2	RH	4-5	305	23,617	809	1001
Virgil & Daryl Crider						
30	GH	7-2	305	21,294	680	927
RV&SV Hollenshead						
157	RH	4-8	305	23,192	746	947
Daniel D Eberly						
44	RH	4-1	305	21,417	695	955
Eugene R Martin						
380	RH	4-5	305	21,411	701	901

Bucks Co. DHIA

March 1989

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Joe-Linda Ford	4	1.1	97.1	19,266	848
R Galen Leatherman	B3	39.6	86.6	21,344	779
Bishcroft Farm	3	127.7	88.3	20,327	750
Crooked Acres Dairy	3	57.8	87.0	20,852	748
David W Wurster	3	61.7	88.6	20,095	730
George & David Bishop	3	98.8	89.3	21,111	725
Raymond Gross	3	41.4	89.2	20,147	724
Richard O Smith	2	60.8	89.5	15,465	720
Paul L-Kevin Bishop	B3	63.7	86.9	19,734	713
Joseph M Peters	3	46.8	87.4	19,240	703
Joe & Linda Ford	B3	46.0	86.0	21,050	696
Willow Ridge Farm	3	47.3	86.8	18,423	688
Harold-Tom Haldeman	3	93.7	90.8	18,438	674
Moyers Village Farm	B3	86.0	84.3	18,975	670
Prcmise Land Dairy	B3	68.9	84.1	19,750	666
Breezyvale Farms	3	89.4	89.1	18,074	665
Robert-Donald Crouse	B3	64.2	86.1	17,651	661
James Pavlica	3	51.4	89.3	18,679	656
David R Wolfinger	3	47.0	84.1	18,735	655
Penrose and James	3	80.3	83.2	17,476	650

Lactations

Crooked Acres Dairy						
Iris	H	5-1	305	24,077	864	
Willow Ridge Farm						
271	H	3-9	305	22,745	885	
David R Wolfinger						
Magnet	H	4-6	305	19,487	882	
R Galen Leatherman						
Jill	H	4-4	305	23,925	971	
George & David Bishop						
Mindy	H	6-8	305	23,918	922	
Bishcroft Farm						
Leona	H	4-5	305	24,699	891	

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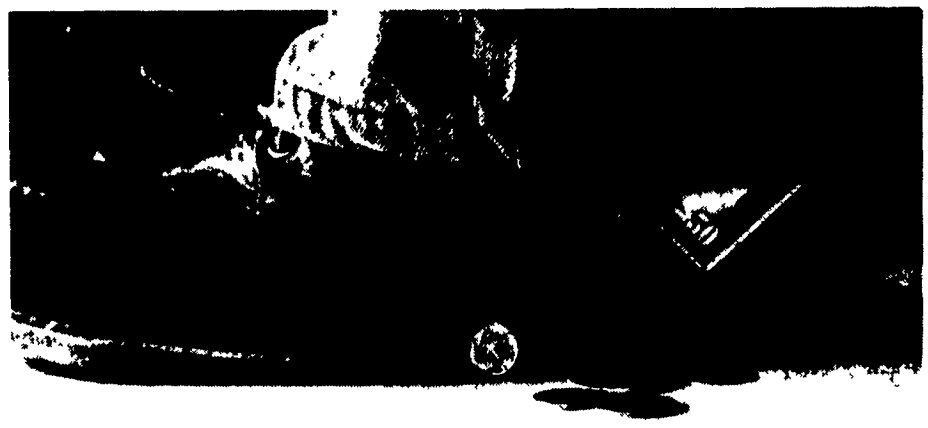

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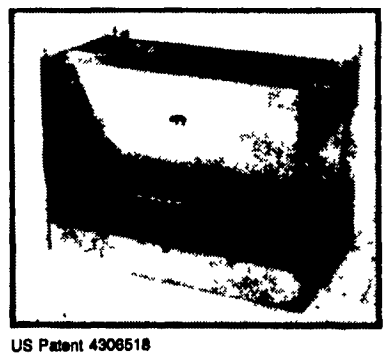

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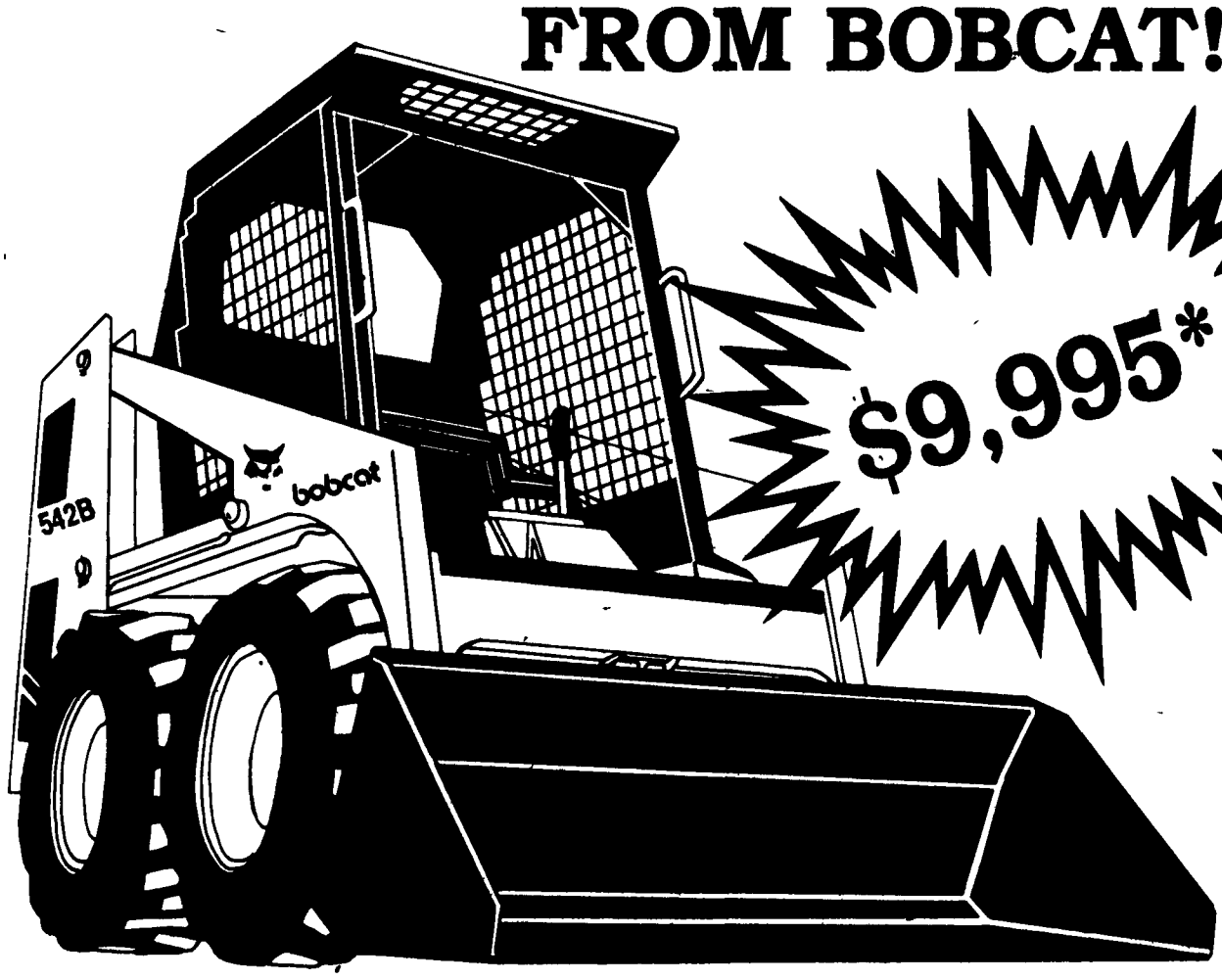

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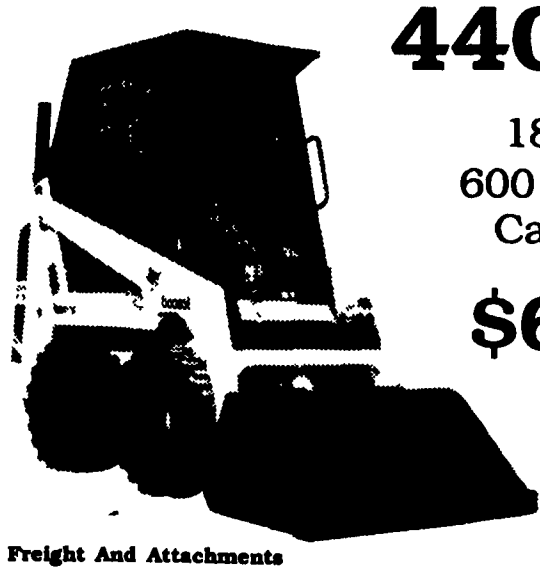

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Survey Reveals Pesticide Concerns Increasing Among Farmers

NORTH CHICAGO, IL — According to a recently released survey of 1,000 U.S. farmers conducted for Abbott Laboratories by The Gallup Organization, 49 percent said their concern about using pesticides has increased over the past three years. Only 4 percent indicated their concern has decreased.

Abbott commissioned the survey to determine farmers' attitudes and behavior regarding insecticide and herbicide safety. The farmers surveyed included 100-plus acre producers of alfalfa, citrus, corn, cotton, grapes and soybeans, and 50-plus acre growers of apples and vegetables.

The survey was designed to measure the change in the level of pesticide concern, the level of concern among farm family members, patterns of use of safety equipment, perceptions of responsibility for reducing pesticide risks, perceived risk of pesticides if handled properly, and familiarity with biological insecticides.

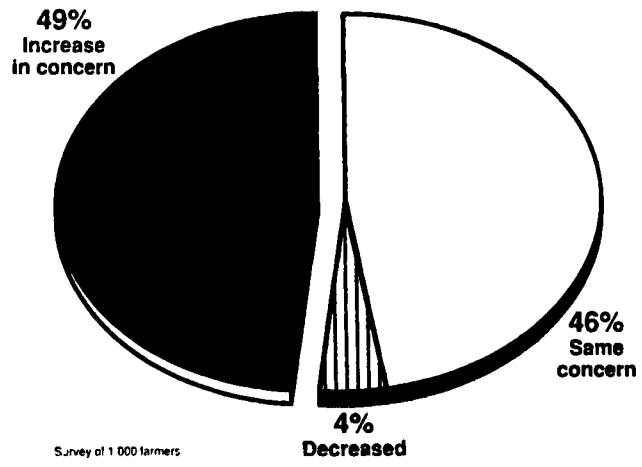
According to David F. Martin, director of agricultural sales and marketing for Abbott Laboratories, "This survey demonstrated that concerns about pesticides are an issue on the farm, not just a concern of consumer or environmental groups. A large number of the farmers surveyed are truly concerned about human and environmental safety, and they are discussing these issues with their families. And many of these farmers feel that they, as well as chemical manufacturers, share the responsiblity for reducing the risks of using chemicals."

More than 40 percent of the farmers said their spouse or a family member had expressed concern over the farmers' pesticide use. Some 59 percent of the farmers indicated this could influence future pesticide choices.

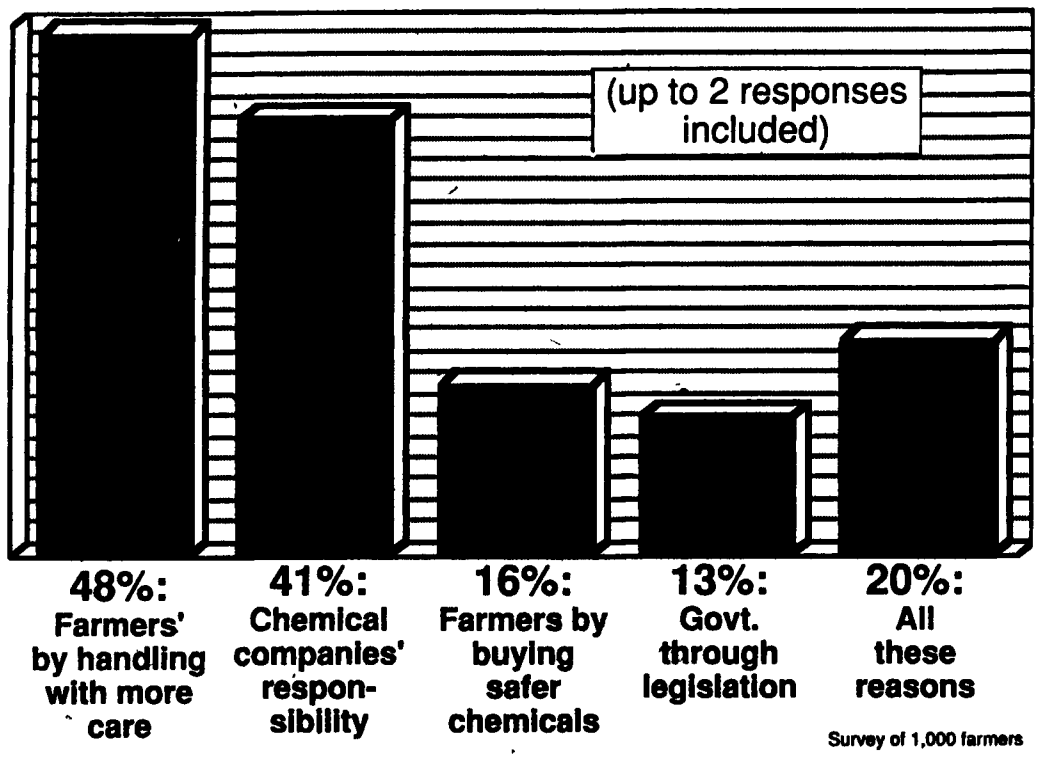
Use of safety equipment was common among surveyed farmers. Sixty percent said they always use safety equipment and only 8 percent said they never do. Thirty-two percent of the farmers said even properly handled insecticides always or sometimes pose a health risk to the person handling them, and 27 percent said properly handled herbicides

(Turn to Page D37)

"Compared to three years ago, has your concern about using insecticides and herbicides increased, decreased or remained the same?"



"If there is some degree of risk with particular chemicals, whose responsibility is it to reduce that risk?"


(up to 2 responses included)
48%: Farmers' by handling with more care
41%: Chemical companies' responsibility
16%: Farmers by buying safer chemicals
13%: Govt. through legislation
20%: All these reasons
Survey of 1,000 farmers

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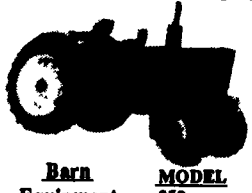

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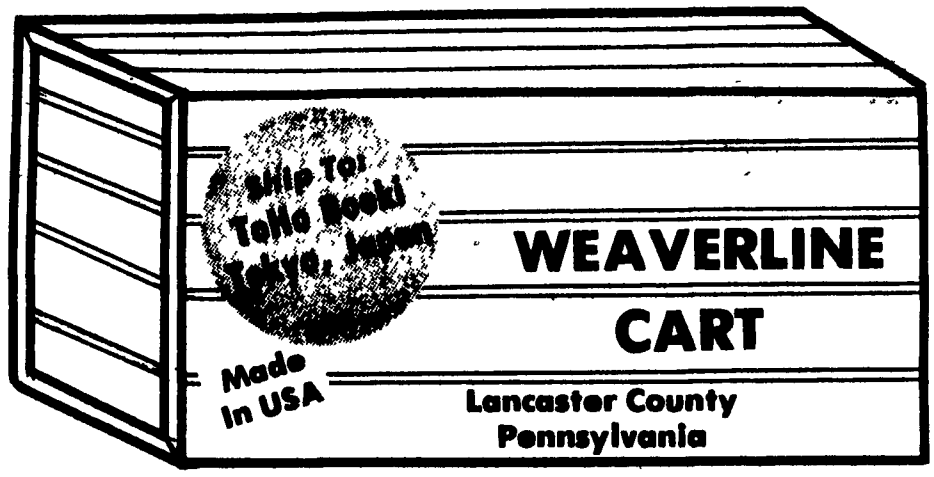

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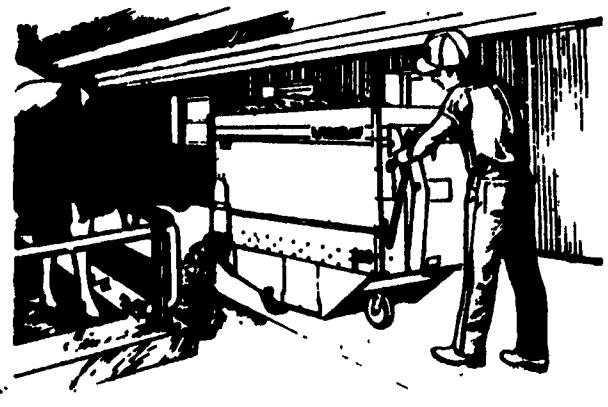
How about that! I am glad they want something that's made here in America!



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Survey Reveals

(Continued from Page D36)

always or sometimes pose health risks. Conversely, 68 percent do not perceive a risk to the person handling insecticides, and 72 percent do not perceive a risk from handling herbicides.

The farmers did not reach a consensus on where responsibility lays for reducing pesticide risks.

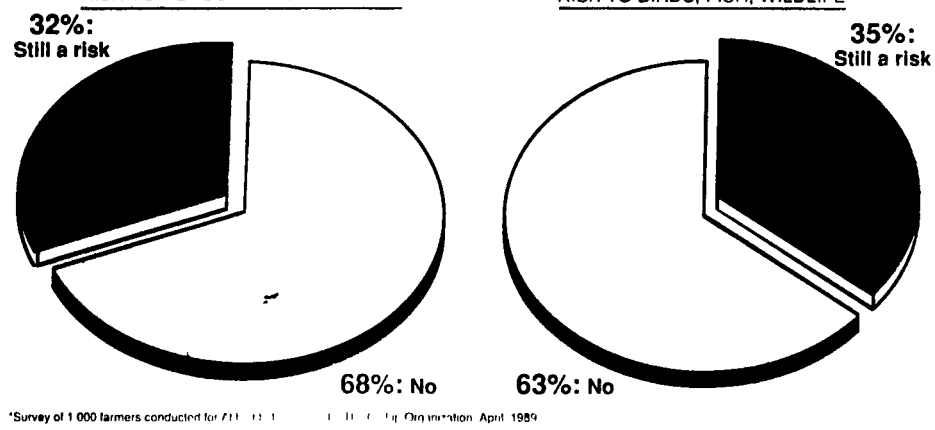
With each farmer allowed two responses, the following results were obtained:

- 48 percent said farmers are responsible for reducing risk by handling chemicals more carefully;
- 41 percent said chemical manufacturers are responsible;
- 16 percent said farmers are responsible for reducing risk by purchasing safer chemicals;
- 13 percent said the government is responsible through the legislation it passes;
- 20 percent indicated all of the above.

Nearly two-thirds, or 64 percent, of the farmers surveyed were familiar with biological insecticides. However, 49 percent of the respondents were unable to name specific biological products, and 38 percent identified non-biological brands.

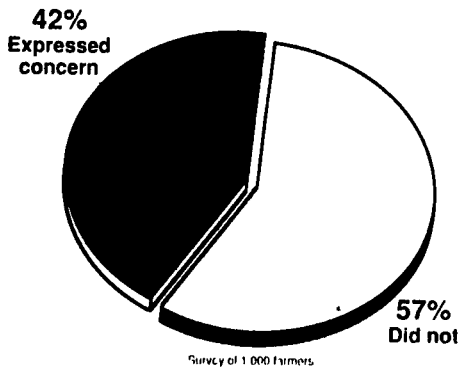
Abbott's Martin concludes, "It is clear that farmers need to be made aware of biologicals as environmentally-compatible alternatives to ag chemicals. And certainly products which offer reduced risks will be more appealing to farmers as their concern about the risks continues to increase, just as it has over the past three years."

"If handled properly, do you feel there is a risk to using insecticides?"



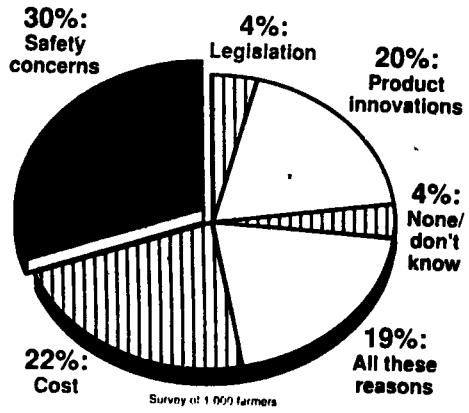
*Survey of 1,000 farmers conducted for [illegible] Organization April 1989

"Has your spouse or a family member ever expressed concerns with regard to agricultural insecticides and herbicides?"



Survey of 1,000 farmers

"What would most likely cause you to change the insecticides and herbicides that you use?"



Survey of 1,000 farmers

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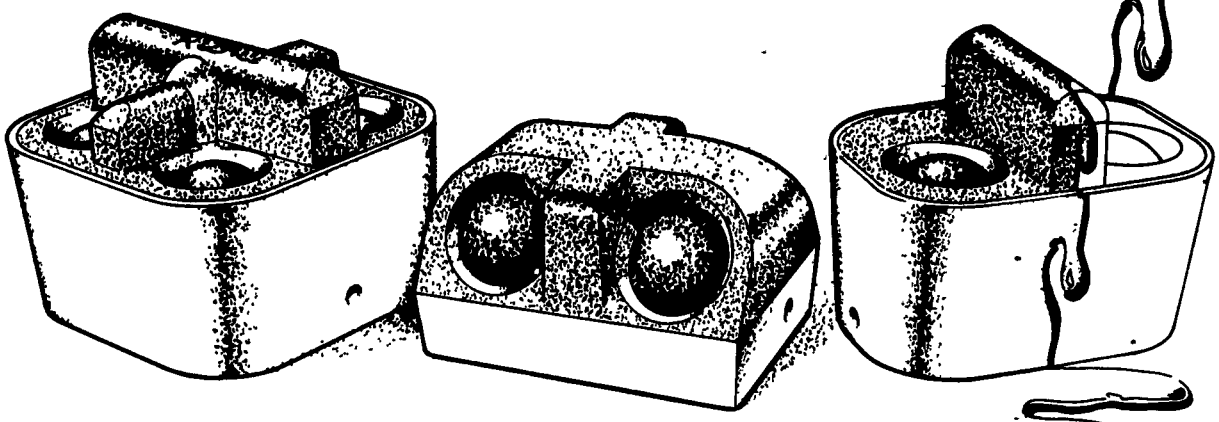

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LOWELL L. WILSON
Professor of Animal Science
Penn State

Beef production methods have changed -- resulting in leaner beef being marketed. But there are several additional nutritional and reproductive innovations that may, in the near future, be routinely practiced in the beef cattle industry. Over the past several years, the reputation of beef as a healthful food has been questioned due to the perception that beef contains a high percent of calories derived from fat, high saturated fatty acid content, cholesterol, etc. Some of these concerns have been questioned by scientific evidence, and most are clearly unfounded. Beef, as well as other meats, has a relatively high protein to calorie ratio and, as has been shown many times in the past 20 years, the protein is of high quality, almost ideally balanced with proper amino acid ratios.

The use of growth promotants is one of the reasons for increased leanness and less feed required per unit of live-animal or carcass growth. Growth-promotant implants have been used safely and successfully for almost 30 years to increase lean production and feed efficiency. These agents, which disappear rapidly from the body since most of them are also naturally-occurring, shift the growth curve to delay maturity. This results in a heavier animal, with a greater proportion of lean and less fat than in a non-implanted animal at the same age. Research has indicated there is 2 to 4 percent less fat at the same body weight in implanted animals as compared to non-implanted animals. In addition, there is an increase of 8 to 12 percent carcass weight per unit of feed in the growth promotant-treated animals.

There are several similar innovative techniques being researched that may be applied to animal production in the near future. These include somatotropins and beta-agonists, which may cause an even greater shift from fat deposition to protein deposition. A greater increase in the amount of protein obtained per unit of feed also should result. This kind of research allows the scientific community to accumulate more information about the non-treated animal. As in the case of all other feed additives and growth promotants, extensive research will be conducted on the wholesomeness of the resulting products by both public and private research organizations. In addition, after such products are released by the Food and Drug Administration there are extensive monitoring programs to determine if residues from these compounds are retained in the resulting meat products or by-products.

However, the safety of any product depends upon producers being knowledgeable in the restrictions of use and adhering to the prescribed uses of the product. This is the producer's responsibility.

Less Grain Fed

Another factor that has resulted in leaner beef has been the reduction in the amount of grain fed to cattle just prior to marketing. The beef industry has recently (within the past 10 years) relied more upon forages such as pasture, hay or silage, than on feed grains such as corn and sorghum. In addition to feeding a higher ratio of forage to grain, the length of time that cattle are fed "fattening" grain diets has been shortened. The lesser amount of grain per day and the shorter finishing periods have resulted in leaner carcasses.

This is a trend that probably will continue when grain prices are high relative to the price of cattle. There are other advantages of using a higher proportion of forages in the farming operation, such as less annual seeding and tillage costs, less soil erosion, and a natural rebuilding of soil fertility. The beef industry consumes high amounts of forages, produced mostly on land that cannot be used for feed or food grain production. Therefore cattle do not compete for human food supplies.

Changes in breeds and genetic capabilities of animals within breeds also has contributed to increased efficiency of production and leanness of beef. In the late 1960s and early 1970s, additional breeds of cattle were imported from France, Italy, Switzerland, and other countries. These imported breeds tended to be leaner at the same body weight than breeds available in the U.S. at that time. These "new" breeds, commonly termed European breeds, were developed into "purebreds" and interbred with existing breeds of English origin. Increased use of these larger, leaner breeds which were heavier at maturity, generally had the effect of increasing leanness of the U.S. beef herd. This also stimulated existing breeds to more diligently improve rate and efficiency of growth and carcass leanness.

This process is still continuing within all beef breeds used in the U.S. However, beef producers also must be concerned with maintaining and improving characteristics other than leanness and efficiency of growth. Traits important to the economics of beef production, such as reproductive efficiency, structural soundness, longevity, eye appeal, and milk production, also must be considered in selection programs. It is a real challenge for a modern beef producer to properly weigh all of these characteristics to produce a leaner product which meets the changing desires of the consumer, and which is also profitable.

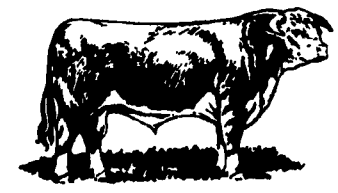
Retailers work toward leaner meat

The meat wholesale/retail industry also is helping to provide a leaner product to the consumer. There is more fat trimmed off retail cuts than previously, and there is less fat in most processed meats. More high-lean, low-fat products also are available. This has tended to increase the cost to the consumer, because of the labor costs and the low value of waste fat trimmed from the wholesale cut. The fat trim, although not of high economic value, still has a variety of uses by society.

Biologically, the beef cattle industry has an inherent inefficiency in that a cow has to be maintained throughout the whole year and produces, on the average, less than one calf annually. Efficiency of this economic trait has been increased, because of greater growth rates allowing heifers to calve first at two years, rather than at three years of age as practiced in many beef herds 20 years ago. This has decreased the amount of feed that must be fed to the cow over her lifetime in relation to the number of calves that she can be expected to produce.

There are several other things being researched, such as wider use of artificial insemination from truly superior bulls, and more transfer of ova from genetically superior cows to cows with less genetic ability. Many potential advances may be applied in the near future -- including induced twinning, live-animal estimation of carcass composition, greater use of by-products and wastes from agriculture and other industries, more efficient use of land and other resources through forages by improved grazing systems, increased use of male calves from dairy breeds for production of lean beef, development of methods to improve consumer acceptability of low-priced, leaner parts of the carcass, and continued research into the methods by which growth and leanness can be increased through new growth promotants. Continued research and demonstrations on improvement of animal health through management techniques and use of animal health products will also make the beef industry more competitive and benefit the consumer.

In reviewing the past and looking to the future, it is evident that the beef cattle industry has reacted to the demands of the consumer for a leaner product. Progress has been made toward increasing efficiency of producing leaner beef. Simultaneously, the beef industry has retained genetic variability, and is capable of producing traditional products for those consumers who desire such as product, and perhaps can tolerate (from a human health standpoint) a slightly higher fat intake. It is fortunate the beef industry has responded and still has potential for change and improvement.



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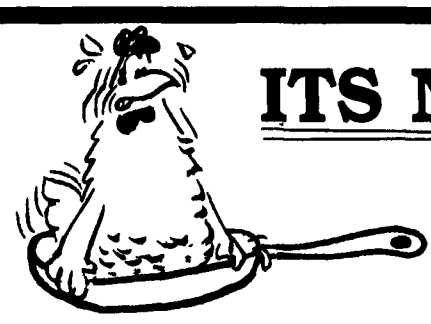

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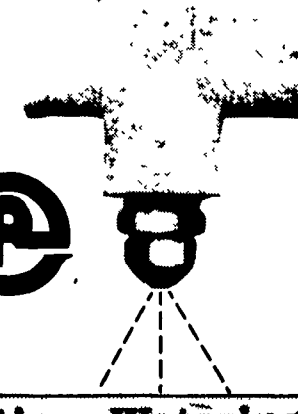

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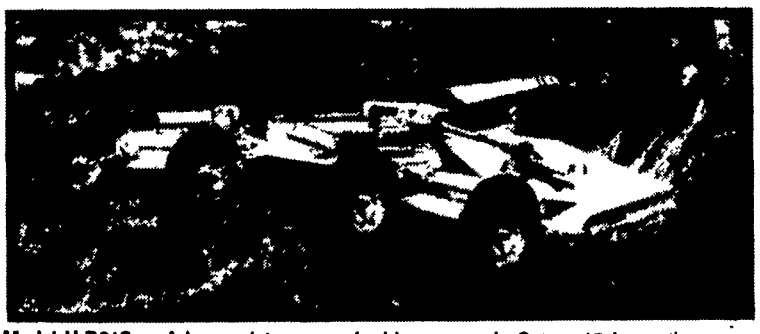
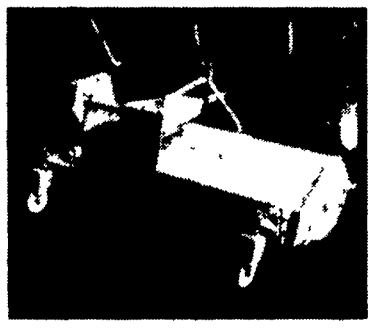


Model H-D315 — A heavy-duty mower for big area work. Cuts a 15 ft. swath. Mows up to 13½ acres per hour. Heavier, stronger than previous Batwing® models.



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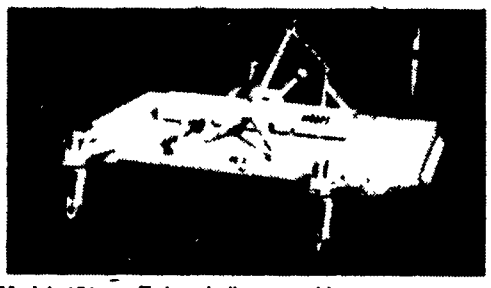

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FARMERSVILLE EQUIPMENT, INC.
Ephrata, PA
717-354-2150

N.H. FLICKER & SONS, INC.
Maxatawney, PA
215-683-7252

FINCH SERVICES HANOVER, INC.
Hanover, PA
717-632-2345

FRANK'S REPAIR
Nazareth, PA
215-759-6276

GRUMELLI'S FARM SERVICE
Quarryville, PA
717-786-7318

HINES EQUIPMENT
Cresson, PA
814-886-4183

Bellwood, PA
814-742-8171

WM. HOBENSACKS SONS
Ivyland, PA
215-675-1610

R.S. HOLLINGER & SON, INC.
Mountville, PA
717-285-4538

C.B. HOOBER & SON, INC.
Intercourse, PA
717-768-8231

INCH EQUIPMENT CO.
McAllisterville, PA
717-463-2191

KAUFFMAN FARM SUPPLY
Mt. Pleasant Mills, PA
717-539-4571
Belleville, PA

KELLER BROS. TRACTOR CO.
Lebanon, PA
717-949-6501
Lancaster, PA
717-569-2500

KELLER'S FARM MACHINERY, INC.
Quakertown, PA
215-536-4046

R.W. KELLER SALES
Perkasie, PA
215-257-0101

KERMIT K. KISTLER
Lynnport, PA
215-298-2011

LAMB'S FARM MACHINERY
Thorndale, PA
215-269-2676

LANCASTER FORD TRACTOR, INC.
Lancaster, PA
717-569-7063

LAWN CARE OF PA.
Martindale, PA
215-445-4541

S.G. LEWIS AND SON
West Grove, PA
215-869-9440
215-869-2214

LINCOLN SUPPLY & EQUIPMENT CO.
Somerset, PA
814-443-1691
McCoole, MD
301-786-6800

ROBERT E. LITTLE, INC.
Zieglerville, PA
215-287-9643

WILFRED MACDONALD INC.
Clifton, NJ
201-471-0244

M.M. WEAVER & SONS, INC.
Leola, PA
717-656-2321

MANOR EQUIPMENT INC.
Sinking Spring, PA
215-678-0828

MESSICK FARM EQUIP., INC.
Elizabethtown, PA
717-367-1319

MIFFLINBURG FARM SUPPLY, INC.
Mifflinburg, PA
717-966-3114

MORRIS INT'L., INC.
Everett, PA
814-652-6101

NICARRY EQUIPMENT CO.
(Route 2 Box 2008)
Reading, PA
215-926-2441

NICHOLS FARM EQUIP.
Bloomsburg, PA
717-784-7731

OTT BROS. FARM & APPLIANCE
McConnellsberg, PA
717-485-4114

PIKEVILLE EQUIP. INC.
Oley, PA
215-987-6277

RINGTOWN FARM EQUIP CO., INC.
Ringtown, PA
717-889-3184

MELVIN J. SHEFFER, INC.
Hanover, PA
717-637-3808

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Ono, PA
717-865-4915

STRALEY FARM SUPPLY, INC.
Dover, PA
717-292-4443
717-292-2631

THOMAS POWER EQUIPMENT
Avondale, PA
215-268-2181

TRACTOR PARTS CO.
Bloomsburg, PA
717-784-0250

C.H. WALTZ SONS, INC.
Williamsport, PA
717-435-2921

WARREN COUNTY SERVICE CENTER
Columbia, NJ
201-362-6916

C.E. WILEY & SON, INC.
Quarryville, PA
717-786-2895

CLARENCE WILSON & SONS
Kimberton, PA
215-933-3581

C.J. WONSIDLER BROS.
Quakertown, PA
215-536-1935
215-536-7523

Rt. 309 & 100
New Tripoli, PA
215-767-7611

Oley, PA
215-987-6257

YORK CO. FARM IND., INC.
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717-764-6412

ZIMMERMAN FARM SERVICE
Bethel, PA
717-933-4114

Goodyear doesn't measure up to ARMSTRONG

COMPARE FOOTPRINT AREA*

ARMSTRONG SUPER HI-POWER LUG RADIAL R-1

GOODYEAR DYNA TORQUE RADIAL

*Tire Size Tested: 18.4-38, 8 Ply Rating

ARMSTRONG

All Orders Over $300 Delivered Free To Your Farm!
(Orders Under $300... Only A Small Extra Fee!

We Install Tires On Your Farm
• Centre Hall • Williamsport
• Sunbury • Allentown
• North Penna. • New Jersey
• Northern Maryland

Ask About Our 5 Year Guarantee On Rear Tires

OFFER EXTENDED...

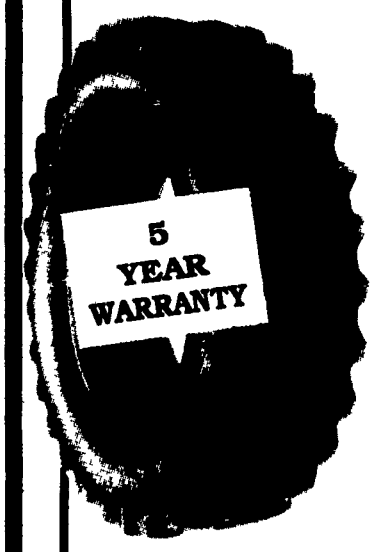
FREE MOUNTING ON PAIRS Super Hi-Power Lug Radials

18 4R34 ★	$465 00
16R38 ★	$490 00
18 4R38 ★	$536 00
20 8R34 ★	$703.00
20 8R38 ★	$725.00
20 8R38 ★★	$810 00
24 5R32, ★	$886.00
30 5R32, ★	$1027.00
18 4R42, ★★	$637.00
20 8R42, ★★	$758.00

CALL FOR QUOTE ON TRUCK TIRES!

ARMSTRONG

Hi Power Lug

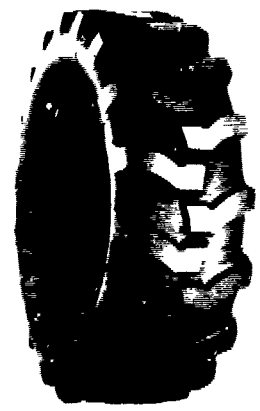


11 2x24, 4 Ply	$126.00
11 2x24, 6 Ply	$147.00
14 9x24, 4 Ply	$187.00
14 9x24, 6 Ply	$206.00
14 9x24, 8 Ply	$236.00
16 9x24, 6 Ply	$239.00
16 9x24, 8 Ply	$260.00
14 9x26, 6 Ply	$211.00
18 4x26, 6 Ply	$297.00
18 4x26, 10 Ply	$362.00
23 1x26, 8 Ply	$595.00
11 2x28, 4 Ply	$147.00
12 4x28, 4 Ply	$171.00
13 6x28, 4 Ply	$183.00
13 6x28, 6 Ply	$194.00
14 9x28, 4 Ply	$190.00
14 9x28, 6 Ply	$211.00
14 9x28, 8 Ply	$244.00
14 9x28, 10 Ply	$318.00
16 9x28, 6 Ply	$260.00
16 9x28, 8 Ply	$287.00
16 9x28, 10 Ply	$336.00
16 9x30, 6 Ply	$282.00
18 4x28, 6 Ply	$346.00
18.4x30, 6 P /	$314.00
23 1x30, 8 P y	$871.00
24.5x32, 10 Ply	$858.00
16 9x34, 6 Ply	$308.00
18 4x34, 6 Ply	$352.00
18 4x34, 8 Ply	$381.00
20 8x34, 6 Ply	$536.00
20 8x34, 8 Ply	$563.00
23 1x26, 10 Ply	$671.00
23 1x34, 8 Ply	$734.00
11 2x38, 4 Ply	$178.00
12 4x38, 4 Ply	$200.00
13 6x38, 4 Ply	$211.00
13 6x38, 6 Ply	$234.00
14 9x38, 6 Ply	$255.00
15 5x38, 6 Ply	$265.00
15 5x38, 8 Ply	$303.00
16 9x38, 6 Ply	$370.00
16 9x38, 8 Ply	$373.00
18 4x38, 6 Ply	$396.00
18 4x38, 8 Ply	$425.00
20 8x38, 8 Ply	$568.00
20 8x38 10 Ply	$670.00

SERVICE AVAILABLE... CALL FOR QUOTE!

ARMSTRONG

Loader-Dozer



★ TUBELESS ★

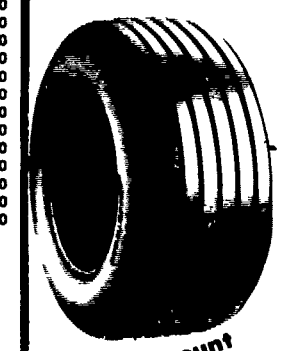
16 9x24, 8 Ply	$314.00
16 9x24, 10 Ply	$375.00
17 5Lx24, 6 Ply	$277.00
17 5x24, 8 Ply	$307.00
17 5Lx24, 10 Ply	$373.00
15 5x25 12 Ply	$335.00
17 5Lx25 12 Ply	$475.00
18 4x24, 8 Ply	$399.00
18 4x24, 12 Ply	$473.00
19 5Lx24, 10 Ply	$448.00
19 5Lx24, 12 Ply	$492.00
12Lx24, 12 Ply	$573.00
20 5x25, 12 Ply	$793.00
23 5x25, 12 Ply	$1,205.00
23 5x25, 16 Ply	$1,275.00

ARMSTRONG

★ TUBE TYPE ★

14 9x24, 6 Ply	$230.00
14 9x24, 8 Ply	$244.00
16 9x24, 6 Ply	$251.00
16 9x24, 8 Ply	$275.00
16 9x24, 10 Ply	$333.00
17 5Lx24, 8 Ply	$281.00
16 9x28, 8 Ply	$302.00
18 4x28, 10 Ply	$395.00
1300x24, 10 Ply	$265.00
1300x24, 12 Ply	$292.00
1400x24, 10 Ply	$297.00
1400x24, 12 Ply	$333.00

WAGON TIRES



Special Discount $5.00 OFF These Prices

26 1200x12, 4 Ply	$55.25
8 51x14, 6 Ply	$52.00
9 5Lx14, 6 Ply	$54.00
9 5Lx14, 8 Ply	$55.00
9 5Lx15, 6 Ply	$51.00
9 5Lx15, 8 Ply	$51.00
11Lx14, 6 Ply	$54.50
11Lx15, 6 Ply	$49 00
11Lx15, 8 Ply	$53.00
11Lx15, 10 Ply	$75.00
1000x15, 8 Ply	$65.50
11Lx15, 8 Ply Tubeless	$60.50
11Lx16, 8 Ply	$66.50
11Lx16, 10 Ply Tubeless	$89.50
12 5Lx15 10 Ply	$79.00
12 5Lx16, 14 Ply	$98.00
12 5Lx15, 12 Ply	$90 50
14Lx16 1, 12 Ply	$158.00
16 5Lx16 1, 10 Ply Tubeless	$188.00
25x7.50x15, 4 Ply Tubeless	$51.00
25x7 50x15, 6 Ply Tubeless	$57.00
27x9 50x15, 4 Ply Tubeless	$61.00
27x9 50x15, 6 Ply Tubeless	$70.00
27x9 50x15, 8 Ply Tubeless	$74.00
31x13 50x15, 6 Ply Tubeless	$102.00
31x13 50x15, 8 Ply Tubeless	$111.00

• WAGON TIRES SHIPPED UPS - NO CHARGE! •

FRONT TRACTOR
Shipped UPS - No Charge!

★ 3-RIB ★

400 12	$25.00
400 15	$27.00
400 19, 4 Ply	$34.00
500 15	$34.00
550 16, 4 Ply	$37.00
550 16, 6 Ply	$40.00
600-14, 6 Ply	$59.50
600 16, 4 Ply	$40.00
600 16, 6 Ply	$44.00
650-16, 6 Ply	$47.00
750L-15, 6 Ply	$52.00
750-16, 8 Ply	$61.00
750-16, 6 Ply	$56.50
750-18, 8 Ply	$68.00
750-20, 6 Ply	$84.00
9 5L-15, 6 Ply	$66.00
9 5L-15, 8 Ply	$72.00
10 00-16, 6 Ply	$88.00
11Lx15, 8 Ply	$83.00
1100-16, 8 Ply	$125.00
14L-16 1, 8 Ply	$192.00

★ 4-RIB ★

11L-15, 8 Ply	$87.00
10 00-16, 6 Ply	$86.00
10 00-16 (TL), 6 Ply	$106 00
10 00-16 (TL), 8 Ply	$117.00
11 00 16 6 Ply	$106.00
11 00-16, 8 Ply	$114.00
11 00-16 (TL), 8 Ply	$128 00
14L-16 1 (TL), 6 Ply	$208 00
14L-16 1, 8 Ply	$203 00
16.5L-16 1 (TL), 8 Ply	$307.00

★ 5-RIB ★

1100x16, 12 Ply, Tubetype	$161.00
1100x16, 12 Ply, Tubeless	$177.00

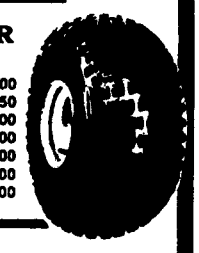
Small Rear Farm Tires

750x20, 4 Ply	$75.00
750x24, 4 Ply	$83.00
8 3x24, 4 Ply	$96.00
9.5x24, 4 Ply	$108.00
11 2x34, 4 Ply	$159.00
11 2x36, 4 Ply	$161.00
12 4x24, 4 Ply	$137.00
12 4x36, 4 Ply	$216.00
13.9x36, 6 Ply	$224.00

CONTRACTOR F-3

11Lx15 8 Ply	$83.00
11Lx15, 10 Ply	$97.00
11Lx16, 8 Ply	$99 00
11Lx16, 10 Ply	$109 00
750 800x16, 10 Ply	$94.00
11Lx16, 12 Ply	$130.00
145 - 75 - 16 1, 10 Ply	$234.00

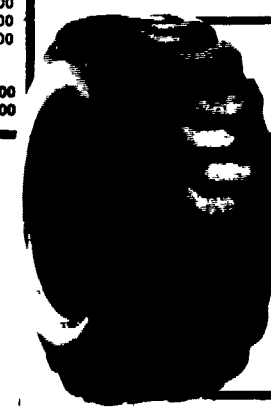
3 WHEELER TIRES



20x7 00 8	$36.00
21x7 00-8	35 50
22x11 00 8	40.00
22x8 00 10	43.00
22x11 00 10	48.00
25x12-9	57.00
18x950 8	33.00

ARMSTRONG **TURF**

8 3x24	$112.00
9 5x24	$125.00
14 9x24, 6 Ply	$220.00
16 9x24, 6 Ply	$230.00
18 4x16.1, 6 Ply	$261.00
13 5x16 1, 8 Ply	$263.00
18 4x26, 6 Ply	$395.00
13 6x28, 6 Ply	$255.00
13 6x28, 4 Ply	$234.00
16 5Lx16 1, 6 Ply	$294.00



SKID LOADER TIRES

570x12, 4 Ply	$42.00
23 850x12, 4 Ply	$49.00
27.850x15, 4 Ply	$53.00
27.850x15, 6 Ply	$68.00
27.1050x15, 6 Ply	$78.00
700x15, 6 Ply	$68.00
750x15, 6 Ply	$71.00
10-16.5, 6 Ply	$84.00
12-16 5, 8 Ply	$125.00
Steel Shield	
10-16 5, 6 Ply	$110.00

Above Tires Shipped To You FREE

MUMMAU TIRE SERVICE CENTER

For Service Out-of State, Call 717-653-1260
In Pa. Call Toll Free 1-800-222-1729

Nobody Fits You Like Goodyear.

GOODYEAR

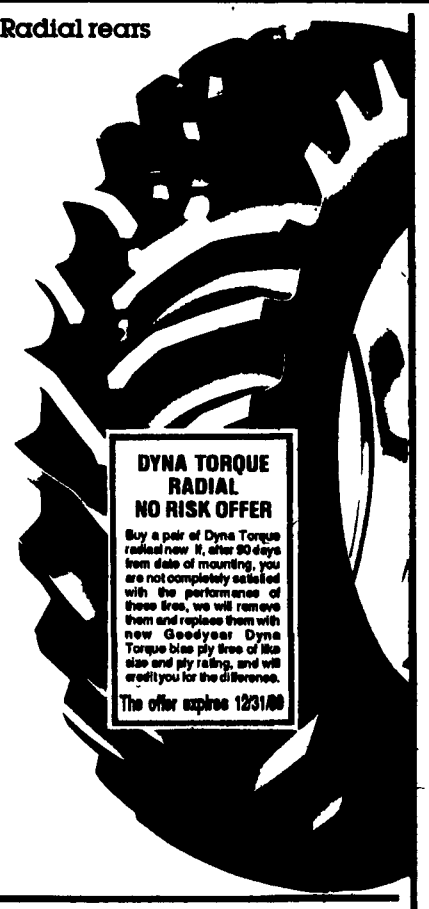
Get the pull of your life with Dyna Torque Radial rears

DYNA TORQUE RADIAL

- Revolutionary 3-lug per pitch design improves traction and ride
- Computer designed "natural" shape casing improves tire body life
- Radial construction provides better traction, lower fuel and overall costs

16.9R38 ★	$510.00
18.4R34 ★	$480.00
18.4R38 ★	$535.00
20.8R38 ★	$750.00
24.5R32 ★	$955.00
18.4R42 ★★	$685.00

- Compare Our Size Dimensions
- Compare The Number Of Bars
- See The Footprint As Compared With Other Brands



DYNA TORQUE RADIAL NO RISK OFFER

Buy a pair of Dyna Torque radials now. If, after 90 days from date of mounting, you are not completely satisfied with the performance of these tires, we will remove them and replace them with new Goodyear Dyna Torque bias ply tires of like size and ply rating, and will credit you for the difference.

The offer expires 12/31/89

The Hard-Working, Hard-Pulling Tractor Rear

DYNA TORQUE II

Excellent drawbar pull with long-bar, short-bar lugs for improved traction

- Designed for improved stability and road-ability, plus reduced vibration
- Strong angle-braced lugs have self-cleaning design
- High-strength polyester cord body, and heavy duty rim shield protects tire from damage

GOLD STAR PIT STOP SERVICE

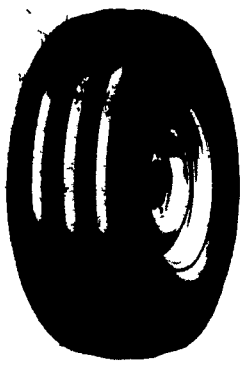
We'll fix it in the field! Gold Star Pit Stop Service. On-farm tire service when you need us. Just give us a call and we'll be right there. You'll be back on the job in a flash!

FRONT TRACTOR 3 Rib

600-16 4 Ply TT	$46.00
600-16 6 Ply TT	$50.00
650-16 4 Ply TT	$53.00
650-16 6 Ply TT	$58.00

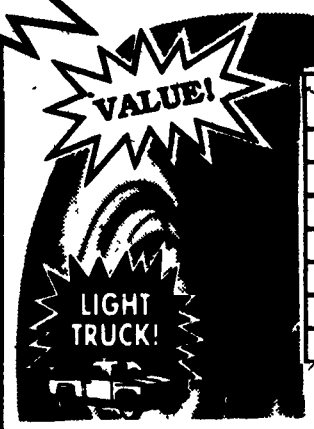
11.2-28 4 Ply	$160.00		
12.4-28 4 Ply	$180.00		
13.6-28 4 Ply	$210.00	18.4-38 6 Ply	$410.00
15.5-38 6 Ply	$283.00	18.4-38 8 Ply	$445.00
16.9-38 6 Ply	$365.00	20.8-38 8 Ply	$599.00
18.4-34 6 Ply	$370.00	18.4-42 10 Ply	$619.00

HOT DEAL!



4 Rib

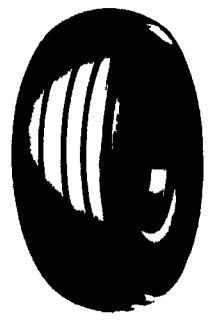
750-16 6 Ply TT	$65.00
95L15 6 Ply TT	$71.00
11Lx15 6 Ply TT	$85.00
11Lx15 8 Ply TT	$89.00
1000-16 6 Ply TT	$93.00
1000-16 8 Ply TT	$95.00
1100-16 6 Ply TT	$108.00
1100-16 8 Ply TT	$114.00



TRACKER LT

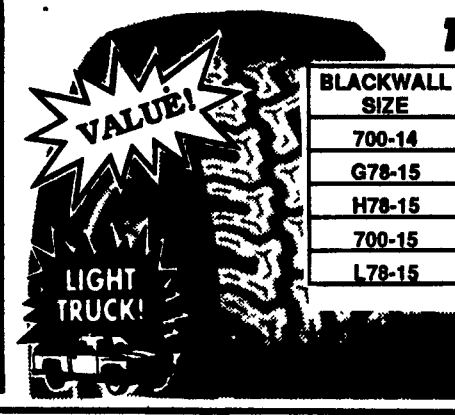
BLACKWALL SIZE	LOAD RANGE	OUR PRICE
700-14	C	$68.70
G78-15	C	$84.20
H78-15	C	$86.85
L78-15	C	$90.45
750-16	D	$98.70
875-16.5	D	$103.80
950-16.5	D	$112.35

Light Truck Favorite



FARM UTILITY WAGON TIRES

95L-15 6 Ply TT	$49.00
95L-15 8 Ply TT	$51.00
95L-15 6 Ply TL	$54.00
95L-15 8 Ply TL	$56.00
11L-15 6 Ply TT	$52.00
11L-15 8 Ply TT	$54.00
11L-15 8 Ply TL	$59.00
12L-15 10 Ply TT	$73.00



TRACKER XG

BLACKWALL SIZE	LOAD RANGE	OUR PRICE
700-14	C	$73.70
G78-15	C	$89.80
H78-15	C	$92.30
700-15	C	$83.25
L78-15	C	$95.95

Deep Lug Traction

See Your Independent Dealer For His Price And Credit Terms. Price And Credit Terms As Shown At Goodyear Commercial Tire Centers In All Communities Served By This Newspaper.

Service Tire Truck Centers 2424 State Rd. Bensalem, PA 215-639-1882	Colledge Tire 510 W. State St. Kennett Square, PA 215-444-5030	Goodyear Commercial Tire Center 165 Keystone Rd. Chester, PA 215-494-2160	Horlacher & Sherwood 153 E. Tioga Tunkhannock, PA 717-836-1116	Henry Tire Service 3108 W. Mkt. St. York, PA 717-792-9779	Goodyear Commercial Tire Center I-81, Rt. 39 Harrisburg, PA 717-657-1005	Goodyear Auto Service Center 260 W. Hamilton Ave. State College, PA 814-238-4955	P. Lebzelter Rt. 72 & Lausch La. Lancaster, PA 717-569-3776	Dices Tire Shop 1421 Lincoln Way Chambersburg, PA 717-264-9312	Ron Davis Tire Center 816 Providence Road Scranton, PA 717-342-7544
Sunbury Frame 5th & Arch Sts. Sunbury, PA 717-286-4921	Kirkwood Tires, Inc. 1920 Kirkwood Hwy. Newark, DE 302-737-2460	Klingerman Bros. 555 E. 7th St. Bloomsburg, PA 717-784-4285	Yoder Tire Service RD #1 Towanda, PA 717-265-3635	Pat & Red's Tire Serivce, Inc. 107 Brown St. E. Stroudsburg, PA 717-424-6178	Zimmerman Farm Service School Rd Bethel, PA 717-933-4114	Lebanon Valley Imp. Co. 700 E. Linden St. Richland, PA 717-866-7518	BHM Farm Equipment RD 1 Rt. 934 North Annville, PA 717-867-2211	Shueys Sales & Service Jonestown Road Ono, PA 717-865-4915	Umbergers of Fontana RD #4 Lebanon, PA 717-867-5161

Peoples Sales & Service Inc. Oakland Mills, PA 717-436-2735	Crescent Tire 325 S. Whitehorse Pike (Rt. 30) Hammonton, N.J. 609-561-1155	Brad Ragan, Inc. 1818 Grammes Rd. Allentown, PA 215-797-6115

The farm house became a massive reconstruction project for the entire Smith family who completed it between milking cows and planting and harvesting crops. Daniel and Beverly saw what the house could be instead of what it was.

Starting Over In Morrison's Cove Took Hard Work and Imagination

BY LINDA WILLIAMS
Bedford Co. Correspondent

ROARING SPRING (Bedford Co.) — When land development forced the Daniel Smith family, then of Gilbertsville, located 50 miles north of Philadelphia, to move, they looked for new farming land in Morrison's Cove.

"Moving was an undertaking we wouldn't do again," Dan Smith says now as he sits back on the comfortable living room sofa and gazes out at the farmland surrounding the picturesque Smith home.

"We moved everything, the silo, outbuildings, 85 cows, and four kids."

The Smith undertaking began in 1976 and completion of the project took two years.

"We came in that lane just before sunset," Beverly remembers. "There was nothing here but mud and one very run down farmhouse as well as a barn in good condition and lots of good farming soil — 150 acres of it. We had promised the kids a stream and a woods and the farm offered both. We looked at each other and knew we were home."

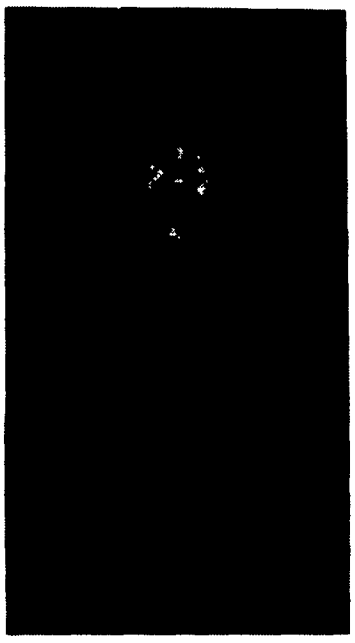
"You see," chimes in Dan, "we were both seeing what wasn't actually here. The house as it stands today, the farm completed."

Smith was a Penn State college graduate. He felt drawn to Morrison's Cove because of the proximity to his old college town.

Back in Gilbertsville, a few weeks after finding their new home, Dan and Beverly began making plans for the move. Beverly who was going to college as a full-time student would stay behind with the two girls and feed the beef cattle. Dan would take the two

(Turn to Page E4)

Linda Williams — Bedford County Correspondent



Bedford County's correspondent, Linda Williams, has 17 years of experience in the field of journalism including everything from advertising sales to paste-up and editing the community living section of Bedford County's daily newspaper, the Bedford Gazette.

In addition to writing for ***Lancaster Farming,*** she is also a freelance writer for the Altoona Mirror and the Penn Line magazine for Rural Electric subscribers.

She grew up on a farm in Morrison's Cove and always enjoys staying in touch with the latest in farming methods.

Last year, she began a new career as an insurance agent with the DeArment Insurance Agency in Bedford.

Lots of good farming soil drew the Smiths to Morrison's Cove from Gilbertsville in 1976, but there was nothing but mud and one very run down farmhouse when the Smith's first saw their present home. Much has changed. Two years ago the farm earned the Dairy of Distinction Award.

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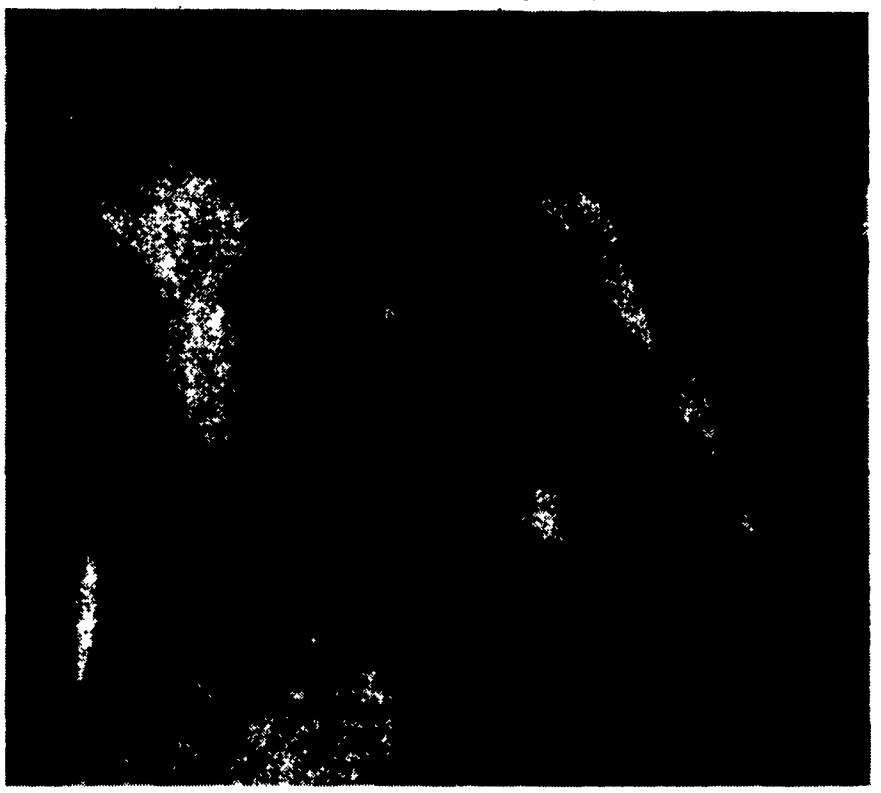

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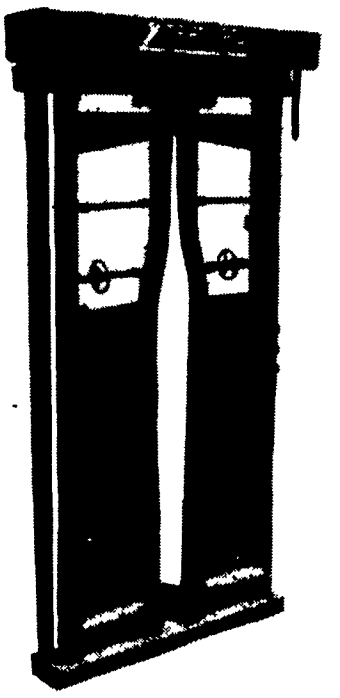

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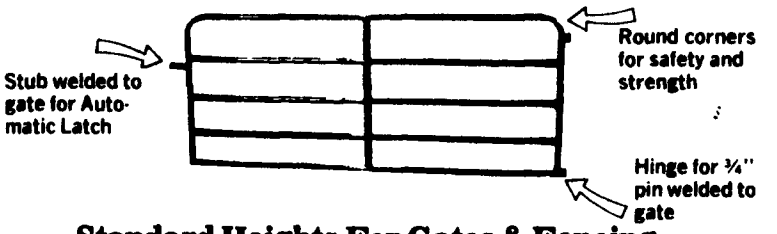

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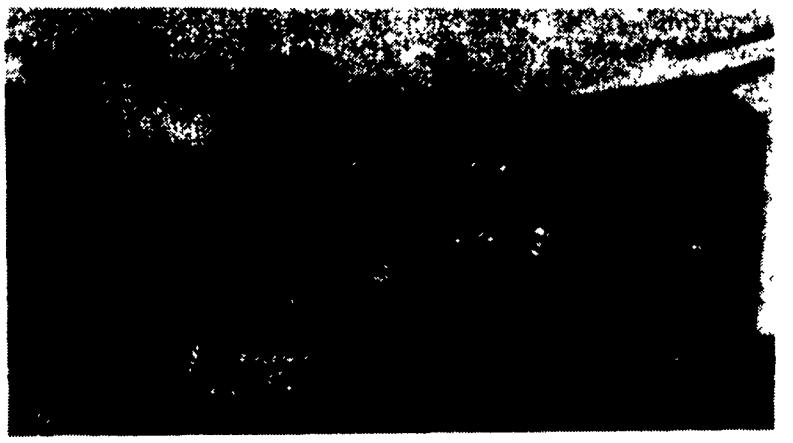

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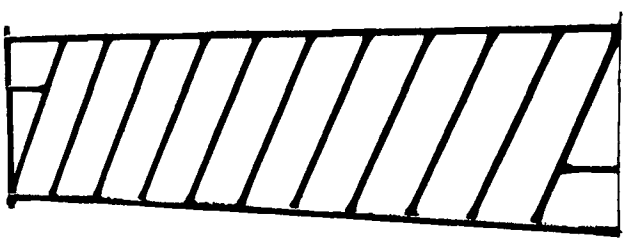

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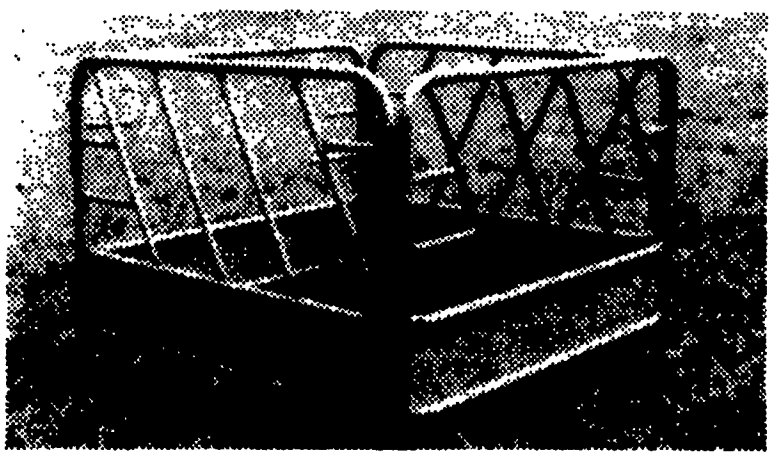

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Starting Over

(Continued from Page E2)

boys and the 85 milk cows and move to the new farm near Woodbury.

"We were apprehensive, but it all began to work out," Smith recalls. He is particularly fond of the memories he has of his neighbors. "The cattle truck got here before we did and the neighbors had the cows in the barn and bedded down by the time we arrived."

"It was that way all the time. Whenever we had a big project to tackle, the neighbors were always here to help."

From the beginning the Smiths knew the run down old farmhouse would take massive reconstruction. They also knew that a lot of the work would be done themselves.

Once they had the farm moved and in operating condition, the real work began. Meanwhile, Beverly had completed her studies in Gilbertsville and had enrolled at Penn State University to complete her degree and become a mental health therapist, a position she holds today.

"When I look back at the amount of work we got done, I still don't see how we did it," Smith says. "The kids were a great help. They helped split fence rails for the walls, they painted and helped to hammer. We didn't have television because no one had time to watch it anyway."

The stream which ran through the front lawn was dammed up and an old log cabin was moved out of the woods.

The interior of the old farmhouse was finished and an extension begun. When completed, it had a deck, gazebo, and picnic table to overlook the pond. There was a canoe for the kids to enjoy the water when they had a few spare minutes.

The beauty did not go unnoticed. Two years ago, the Smiths received the "Dairy of Distinction Award."

The house and the move were completed in 24 months in between milking cows and planting and harvesting crops.

Today, the children are all grown. None wanted to stay behind on the farm. One is a mechanical engineer, one a biology teacher, and two are students at Penn State University.

Meanwhile, the Smiths have reached what Dan jokingly calls their "mid-life" crisis.

"We have to decide whether to go bigger or get out of farming," Smith says. "Our debt load is big enough that we just can't go smaller. We've tried the figures in the computer and they just don't work out. And, since we've never been the type to believe that the grass is greener on the other side of the fence, we have decided to go bigger."

By going bigger, Smith feels that he can have more free time. "With more income, I should be able to have full-time help which would allow me to get away once in a while." Smith is presently milking 60 cows with just a few hours of help a day.

They have never been the type of farmers who believe that no one should take vacations. "We have also never believed that all the

(Turn to Page E5)

The interior of the old farmhouse was finished and an extension added. When the house was finished, a deck, gazebo and picnic table were added overlooking the pond.

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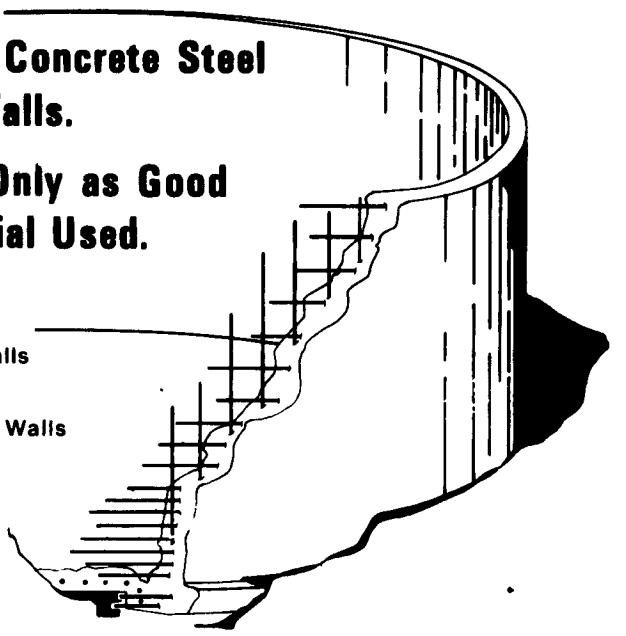

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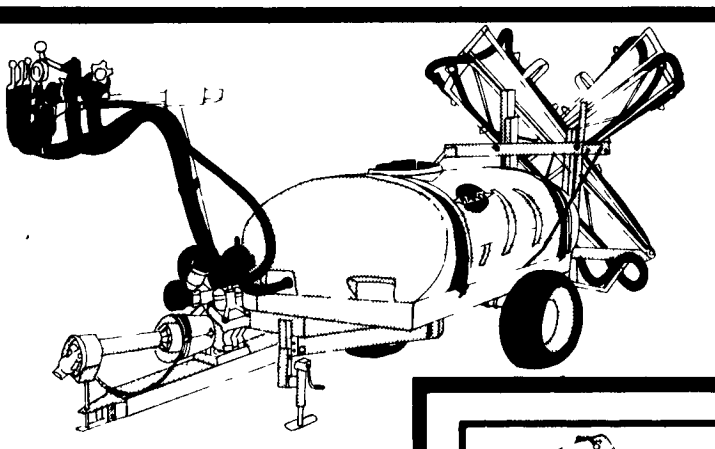

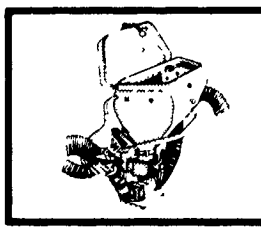

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Pennsylvania Stocks Down 47 Percent

HARRISBURG — Stocks of potatoes stored in the state on May 1 totaled 200,000 hundredweight (cwt.), 47 percent less than a year ago, according to the Pennsylvania Agricultural Statistics Service.

Of the total, 50,000 cwt., or 25 percent, was stored in processors' facilities.

Stocks are defined as the quantity, sold or unsold, remaining in storage for all purposes and uses, including shrinkage and waste and other losses that occur after the date of each report.

Stocks may also include potatoes produced in other states.

National FFA Foundation

Sales of fall potatoes for all purposes generally account for about 90 percent of the fall production. Shrinkage, loss and home use account for the remaining 10 percent.

In the 15 states classified as fall storage states, storage of fall potatoes on May 1 totaled 54.4 million cwt., down 22 percent from last year and 9 percent under two years ago. Stocks on May 1 accounted for 18 percent of fall production this year, compared with 21 percent last year.

Disappearance from harvest to May 1 in those 15 states totaled 245 million cwt., 7 percent below last year and 1 percent below two years ago. Shrinkage and loss totaled 23.9 million cwt., 11 percent below last year's 26.9 million cwt. and 5 percent below two years ago.

Processing plants used 109 million cwt. of potatoes to date, down 2 percent from last year.

Starting Over

(Continued from Page E4)

money should go into the barn," Dan adds.

"A farmer spends a lot of time at home and we want a home that we can enjoy."

The Smiths often have big family parties over the holidays and weekends. The second weekend in June will be the date of the annual farm toy convention hosted by Dan each year.

A collector himself, he has two rooms full of metal farm toys, all in mint condition.

Daniel Smith with his second love, farm toys. Each year, the second weekend in June, Daniel hosts the annual farm toy convention. This is just one of two rooms devoted to his growing collection.

June is dairy month

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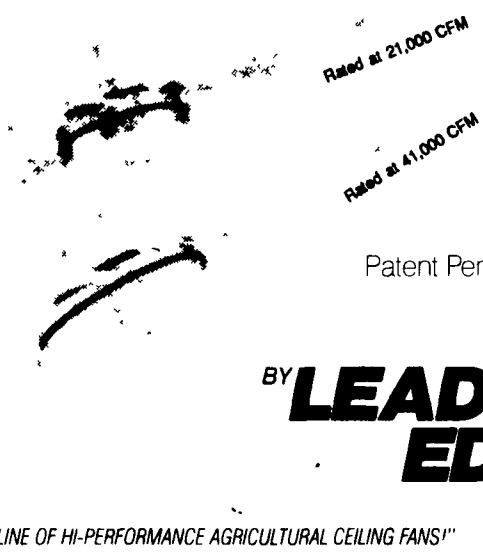

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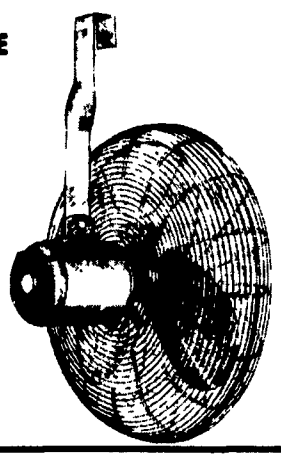

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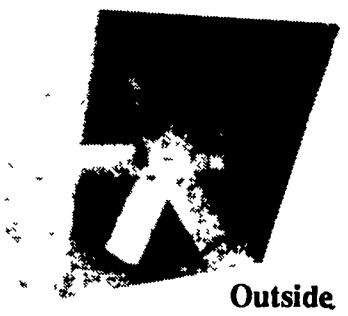

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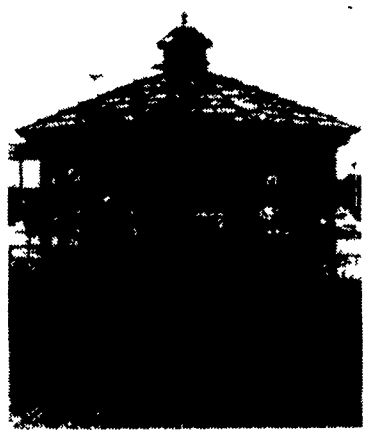

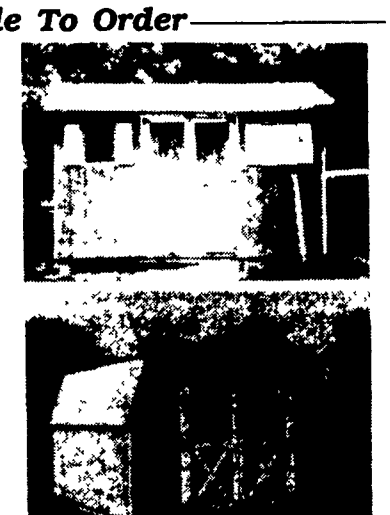

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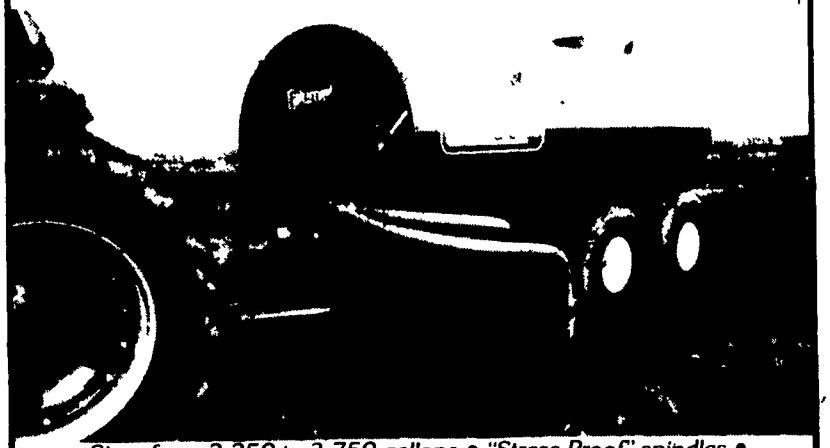

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Penn State Names Ag Advocates

UNIVERSITY PARK (Centre Co.) — Four students were selected as ag advocates for the College of Agriculture at Penn State. They are Colleen C. Cornelius, Catherine A. Baxter, Douglas G Brown, and Lisa Overly.

The ag advocate program was begun last year to introduce students to the diversity of opportunities in agriculture. The ag advocates will assist the college's efforts to enhance the image of agriculture and recruit highly qualified students. They also will help college alumni and friends stay in touch with College of Agriculture programs and developments.

Ag advocates will attend major campus, alumni, and agricultural events as representatives of the Dean's Office for the 1989-90 academic year. They are involved with Penn State's Parents' Weekend and student orientation programs as well as campus tours of agricultural facilities, Farm Show, Ag Progress Days, and Ag Alumni tailgates.

Cornelius, the daughter of Charles Cornelius of Youngstown, Ohio, and Margaret Cornelius of Pittsburgh, is a junior majoring in food science with a minor in nutrition. She was an assistant for the 1988 Pennsylvania Governor's School for Agricultural Sciences and served on the 1989 advisory board. She is a member of the Coaly society in agriculture, and served on its 1989 selection committee. She also is a member of the Food Science Club. This summer she will be a student intern in product development at Kraft Inc. in Glenview, Ill.

Cornelius has been awarded membership in the Golden Key National Honor Society and has received scholarships from the Institute of Food Technologists and the College of Agriculture. She is a member of the National Honor Society of Phi Kappa Phi and Gamma Sigma Sigma service sorority.

Baxter, the daughter of Neil and Carol Baxter of Albion, is a junior majoring in agricultural education. She is the 1988-89 Collegiate FFA vice president, leadership committee chairperson, and Ag Hill Leadership Conference chairperson. She is a member of the Coaly Society and Alpha Tau Alpha, an honorary agricultural education fraternity. Baxter has won an FFA scholastic award and the David R. McClay and N.C.Harris scholarships.

This spring Baxter was chosen as the alternate Penn State Dairy Princess. She attended the Behrend Campus for her first two years at Penn State, where she was a member of the Lambda Sigma honor society and manager of the women's basketball team. She has recived the Norman K. Hoover Outstanding Junior Award, the Collegiate FFA Outstanding Junior Award, and a Milk Marketing Inc. scholarship. She also was recently named Outstanding College Student in the department of ag education.

Brown, the son of Earl K. and Kathy K. Brown of Coudersport, is a sophomore majoring in ag education. He is a member of the Collegiate FFA and is chairman of the earnings, savings, and investment committee. He also is a member of the Ag Student Council and a participant in the student recruitment task force. He attended the DuBois Campus where he was president of the Student Government Organization and a Lion Ambassador. He received the Delta Mu Sigma award for outstanding freshman and was selected for Who's Who Among American Junior College Students.

Overly, the daughter of Tom and Hedy Overly of Littlestown, is a junior majoring in food science with a minor in poultry technology and management. A member of the Coaly Society and the Food Science Club, she has received a Milk Industry Teammates Textbook scholarship as well as an Adams County Poultry Association scholarship, a Frank S. and Nina Cobb Grant-in-Aid scholarship, and a Helen D. Tunison scholarship.

Overly is a 1989 Guldin Sepaking Contest scholarship winner, a dean's list student, and a technician in the dairy science laboratory. She was first runner-up in the 1988 Poultry Queen contest. In addition, Overly is a founding sister of Delta Zeta sorority and a member of Gamma Sigma Sigma. She has participated in projects with groups such as the American Red Cross and the Association for Retarded Citizens.

Cathy A. Baxter

Lisa Overly

Colleen C. Cornelius

Douglas Brown

Erie County Extension Director Receives Award

UNIVERSITY PARK (Centre Co.) — Brenda Skiba Bernatowicz, Penn State Cooperative Extension director in Erie County, was honored for receiving the Extension Home Economics Scholarship award at the Pennsylvania Association of Extension Home Economists' annual meeting at Penn State this month.

She has responsibility for all areas of extension programming in Erie County and is an extension home economist. Bernatowicz supervises an active Expanded Food and Nutrition Education Program for low-income households and provides educational programs on foods and nutrition, including food safety and diet and chronic disease, as well as programs on housing and home environment, clothing and textiles and community resource development.

According to Dr. Joan S. Thomson, coordinator for staff development for the College of Agriculture, "her application reflected the true intent of the scholarship: to support the continuing professional growth of extension agents carrying out adult and youth programming with Pennsylvania families through cooperative extension."

The $1,000 scholarship, endowed in honor of Dr. Helen E. Bell, professor emerita of home management extension, supports the continuing professional development of Penn State extension home economists.

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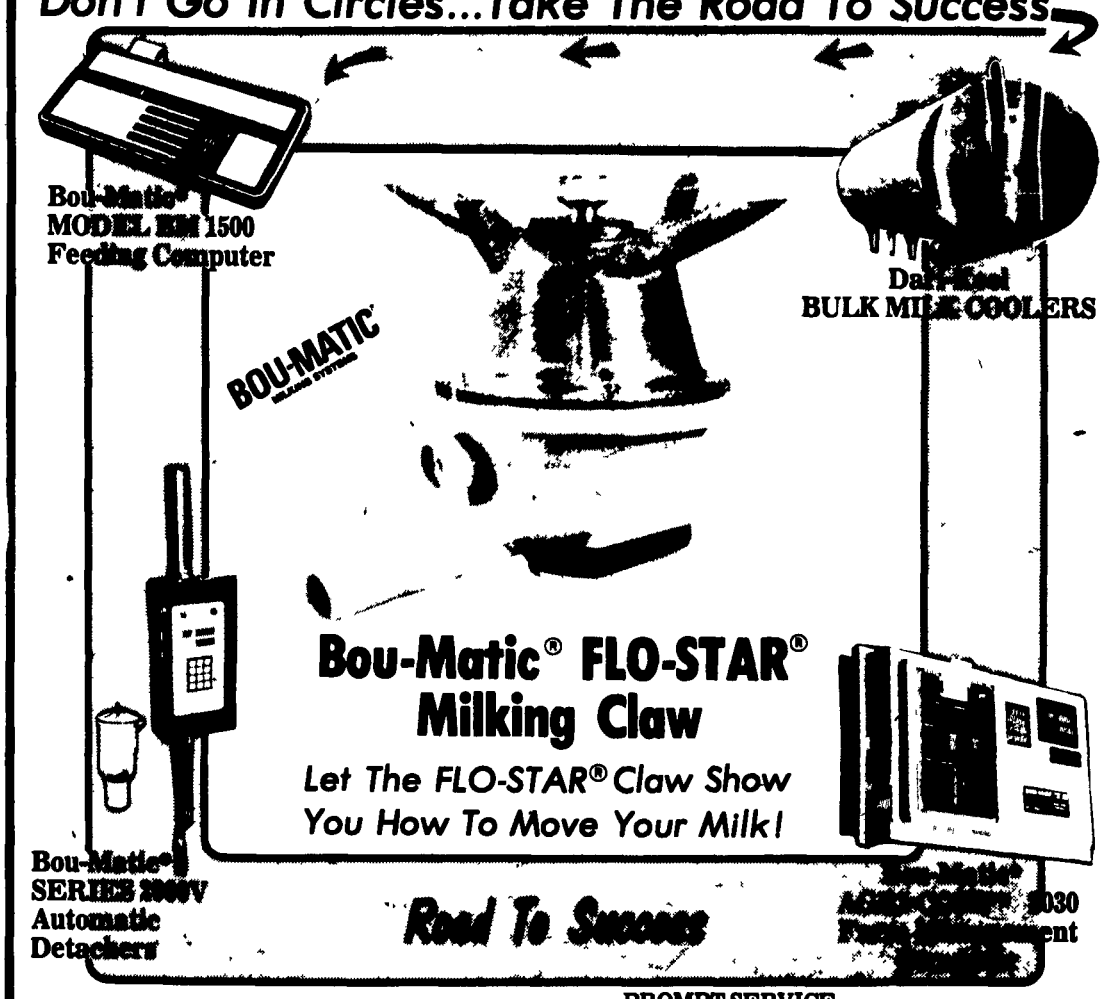
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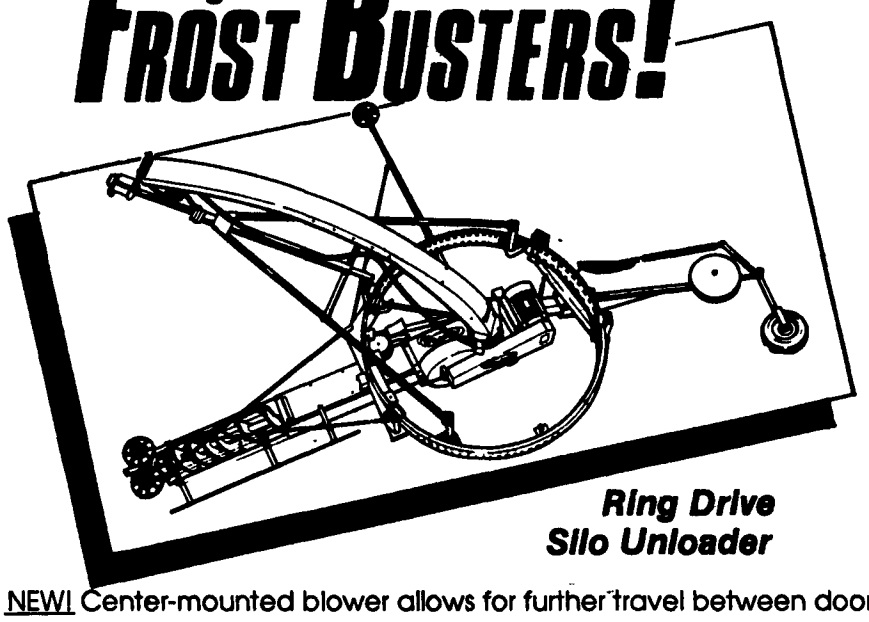

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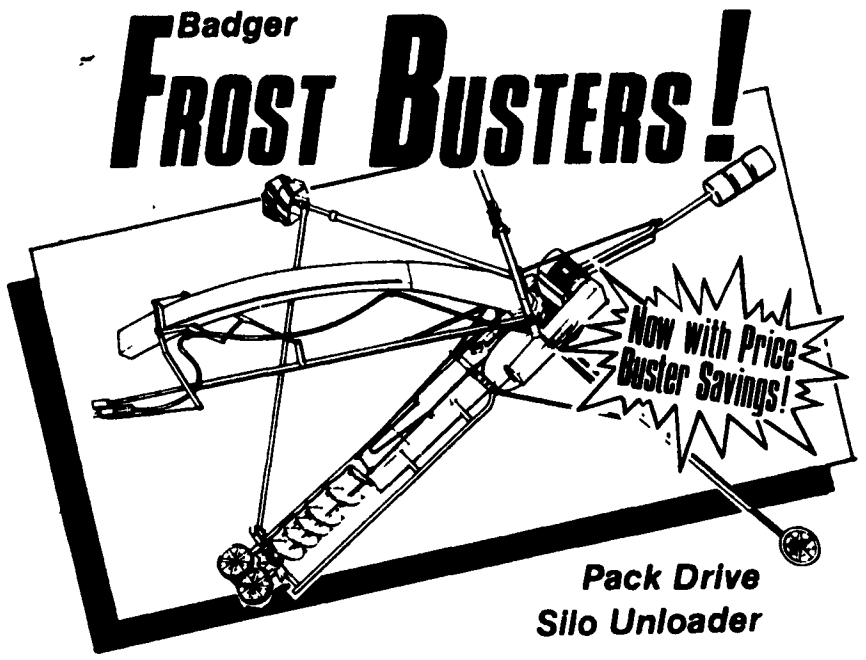
Badger FROST BUSTERS!



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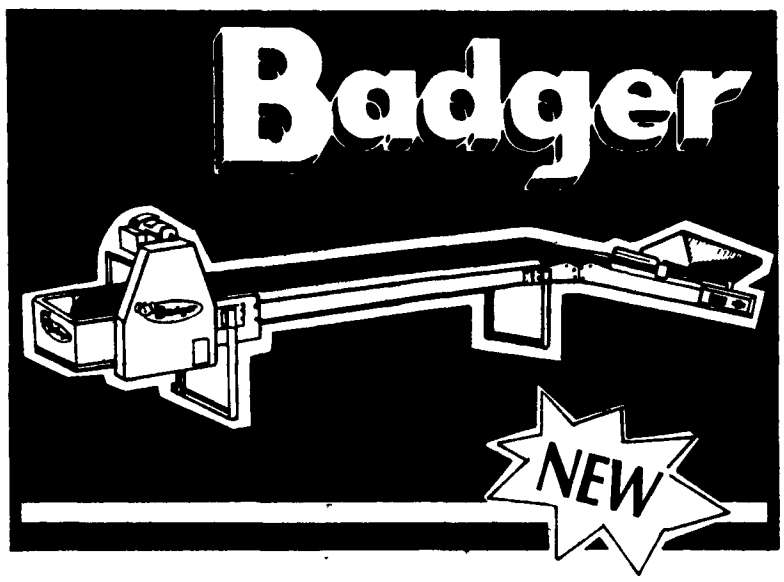

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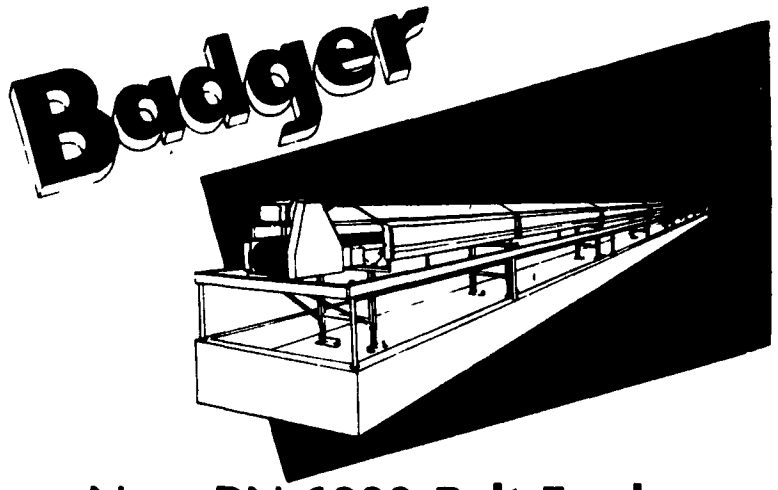

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Why Not Silage In A Bag

By George F.W. Haenlein
Extension Dairy Specialist
University of Delaware

NEWARK, DE — Do you remember the last drought? Many livestock farmers, including dairy farmers, suddenly found themselves short of feed. Or perhaps we should say they did not have a contingency plan. Two words have become synonymous with contingency planning for dairy farmers: hay and silage, as long as the quantities stretch and last to the next harvest date. According to John McSparran, Director of the Pennsylvania Bureau of Water Resources Management, a water shortage is imminent for 1989. Thus, let's be serious about contingency plans for 1989.

The first cutting date for hay is fast approaching, as are cutting dates for cold season forages such as rye, barley, wheat and oats with or without vetch. Most likely it will rain on these dates, as it has in the past. The result is that although the farmer grew a fine crop, it can't be counted in the contingency planning in terms of protein and energy contents and tonnage. The crop was rained on, browned, bleached, had leaves shattered, was baled too wet and then molded. Or the crop was ensiled too wet and is leaching. Or perhaps the farmer is waiting for a no-rain date and the crop is losing nutrient contents to the maturing forage. The crop is getting too old and stemmy, it becomes just straw and tastes bad to the animals.

Almost all rules for complete harvests of good crops have been violated and the contingency plan goes unfilled. What are these rules?

1) Harvest at optimum stage of the plants.
2) Harvest rapidly.
3) For silage, fill rapidly.
4) For silage, pack well and completely remove air and oxygen.
5) Cover and protect from rain damage.
6) Prevent mold growth on the surface and where air enters.
7) For silage, use up rapidly in feeding to prevent surface mold where air enters.

For years, we have talked about alternative harvesting methods to help us better follow these rules when haymaking is threatened by rain. We have succeeded with silage making when haymaking fails. Or better yet, after the crop wilts, we make haylage by using various oxygen-limited vertical structures (silos). In recent years, just as successfully, horizontal plastic bags of varying sizes for ½ tons up to 150 tons have been used in making haylage.

Now comes the best news in a long time: wrapping. Several companies have taken the plastic bag a step further--because for big round bales, a bag was awkward to handle. Now we have field machines that will wrap a plastic sheet from a roll tightly around all sides of the big round bale. This plastic acts as a seal as well as a cover. These new machines are less expensive than a baler. They will not bale themselves, just wrap. But they also have an injector, if desired for using anhydrous ammonia or preservatives, to ensure safe storage and actually improve digestibility and protein content of the haylage. These wrappers have the potential of fulfilling all seven of the rules for complete harvest and for completing contingency plans.

The wrapper could make excellent haylage in big round bales from your rye, barley and vetch, wheat, oats, your first cutting alfalfa, clover and grasses. You won't worry as much about rain interference because you have the option of making either hay or haylage, each all wrapped up safe, clean, complete. You'll have no losses and quick feeding without the worry of surface molds on opening.

I expect the wrapper to be the answer to so many prayers from dairy farmers, just as calf hutches, freestalls and herringbone milking parlors were the innovations a few years ago that made life more profitable and easier on the dairy farm.

P.S. for sheep and goat farmers. This could be the beginning of small "silos" not affordable nor practical yet for sheep and goats--and thus more profits for these farmers, too.

Cope To Chair Pennsylvania Food Processors Group

Thomas L. Cope, president of John Cope's Food Products Inc., Lancaster, was recently elected chairman of the Pennsylvania Food Processors Association at their 75th Anniversary Convention held at the Sheraton/ Lancaster Resort.

John Cope's Food Products Inc. began in 1900 as a producer of dried sweet corn. In addition to the original dried sweet corn product, they produce sweet corn powder, frozen white and yellow cut corn, frozen corn-on-the-cob, frozen peas, frozen vegetable blends, frozen soup and quick blanched mushrooms with distribution in the U.S., Europe and Japan. The company will process over 6,000 acres of vegetables in 1989.

Cope served as a pilot in the U.S. Air Force and PA Air National Guard, was vice president on the Board of education of the Hempfield School District, chairman of the Board for the Hempfield Church of the Brethren and is currently serving on the Pa. food Industry Council as a member of the Executive Committee. He also is currently serving on the Pennsylvania General Assembly Sub-Committee that is addressing competitive technology problems that exist in rural Pennsylvania.

Cope resides on the family farm along with his wife and two sons.

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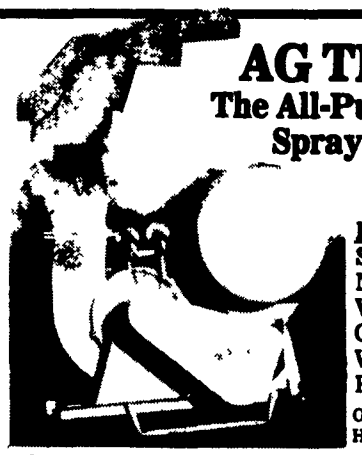

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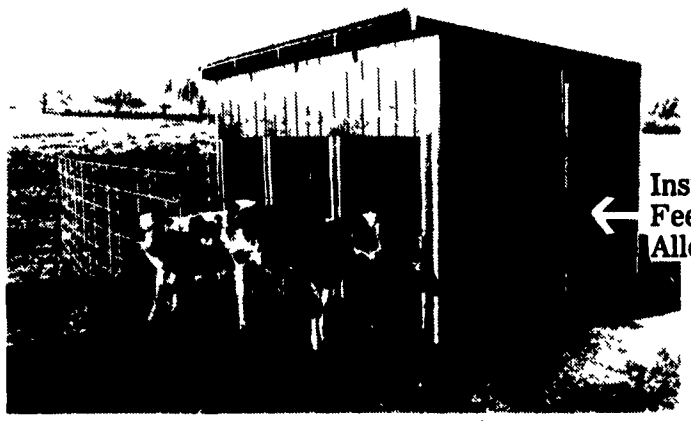

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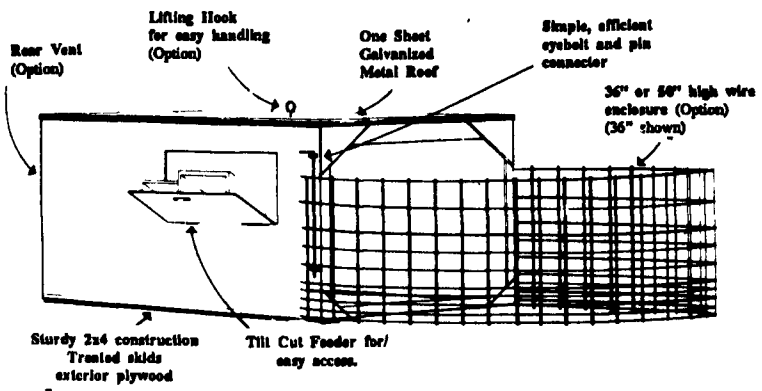
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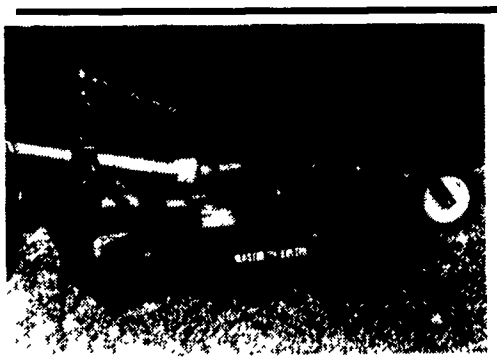
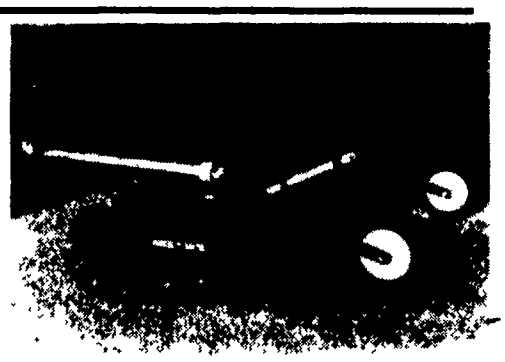


3 Point Mower



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Lehigh County Agent Column

Alfalfa Weevil

Alfalfa fields in Pennsylvania should be watched carefully for the development of weevil populations within the next one to two weeks, depending on the weather.

The major contribution of weevil larvae will come from eggs deposited by overwintering adults within the next two weeks. During this time, adult weevils will move from overwintering sites into alfalfa fields. Peak larval activity usually occurs from May 1st to the 15th in most areas of the state. This is when most fields will exceed economic thresholds if population levels are high.

Although weevil population levels were high in 1988, a fungal disease was responsible for population crashes in some fields after we received substantial rainfall. Also, parasite numbers were high toward the end of the first cutting period. The interaction of these two biological control organisms may help reduce the impact of weevil population during the coming year. However, expect to see substantial numbers of weevil larvae in a number of fields this year. Check the Agronomy Guide for control recommendations. If early alfalfa weevil populations exceed the economic threshold, growers may want to consider Furadan 4F for control if there is adequate time remaining until harvest to allow for the harvest restrictions.

1988 Disease Evidence Deadline

The Lehigh County Agricultural Stabilization and Conservation Service (ASCS) office reminds those producers who applied for 1988 disaster benefits that May 15, 1989 is the deadline to submit production evidence. If producers need to have any farm-stored production measured, ASCS can provide this service.

June 30, 1989 is the deadline for Christmas tree growers to apply for disaster benefits related to last summer's drought. To be eligible for the Tree Assistance Program, tree growers must have suffered more than a 40 percent loss of their 1987 or 1988 seedlings. For more information, contact the ASCS Office -- 395-4161.

Lamb Evaluation

Berks County Sheep and Wool Growers and Penn State Cooperative Extension are conducting an On-Foot, On-Rail Lamb Evaluation Program, Tuesday and Thursday, May 23rd and May 25th. Live lambs will be judged at 7:00 p.m. on the 23rd and carcasses of the same lambs will be evaluated on the 25th. Both sessions will be at Peter's Brothers Meats, Lenhartsville.

Each participating producer may enter one or two lambs. A total of 30 lambs will be accepted on a first-come, first-served basis. Lambs should be ready for market and typical of your ram's offspring.

The registration deadline is May 15th. Ewe, ram and wether lambs will be accepted. They must weight at least 80 pounds live. They will be evaluated for backfat thickness, loin eye area, overall carcass quality, carcass grade and yield, and pounds of carcass per day of age.

Phone 215-820-3085 or 215-378-1327 to request a fee schedule and registration form.

Pennsylvania Fairs

The 1989 schedule for Pennsylvania agricultural fairs is now available, free, at county extension offices. To receive a copy by mail, send your request with a self-addressed, stamped envelope to: Lehigh County Extension Office, Room 604-Courthouse, Allentown, PA 18101.

Commercial Vegetable/Pest Control Guide

County extension offices have just received a supply of the brand new publication, "1989 Pennsylvania Commercial Vegetable Disease and Insect Control Guide". The recommendations in this guide should be used instead of those in the orange and black Commercial Vegetable Production Guide issued in 1987.

Commercial growers will need this most current information. Request a copy from your county extension office. In Lehigh County, phone 820-3085.

Different Wheats/For Different Flours

Wheat flour is the primary grain product consumed in the United States. That's easily seen in the wide variety of grocery items that ultimately depend on the wheat grower and the wheat miller: packaged flour, bakery mixes, breads, cakes, cookies and pastas.

Flour is also used in the production of breakfast cereals, soups, gravies, and other prepared foods.

However, the flours used in producing various bakery items are milled from different wheat classes.

Hard wheats are used mainly in the production of breads and rolls, and to a lesser extent in the production of sweet goods and all-purpose flour. Soft wheats go into the production of sweet goods, cakes, cookies, crackers and prepared mixes. And some wheats are used mostly to prepare foods that don't appear in the bakery department. Durum wheat, for instance, is used almost solely in the production of pastas.

These wheats are grown in different areas depending on rainfall, temperature, and soil requirements. Hard wheats are produced largely in the Great Plains states of Kansas, Oklahoma, Texas, Nebraska and the Dakotas. Soft wheats are grown in wide-ranging areas east of the Mississippi River, while durum wheat is primarily produced in North Dakota.

Egg Producers Support Assessment

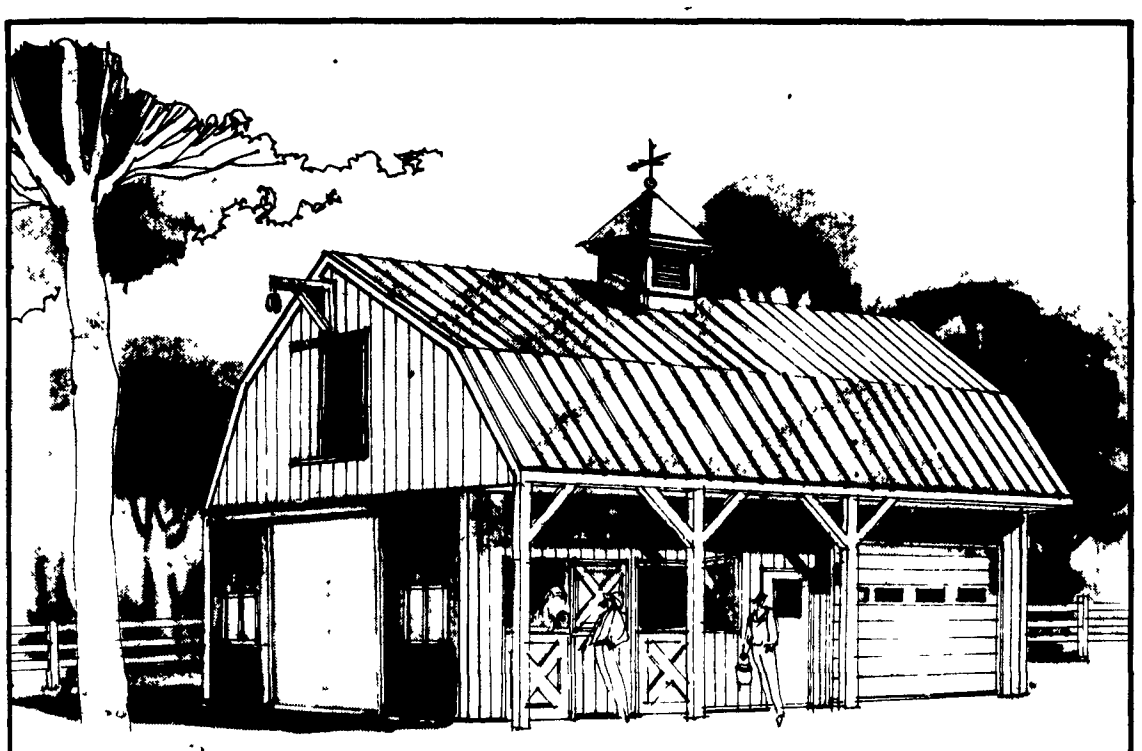
A majority of US. egg producers voting in a straw poll taken by the American Egg Board indicated that they would support an increase in the mandatory assessment to fund a consumer advertising campaign for eggs. Only 41 percent of all producers voted, but they represented 65 percent of the industry's production, AEB said.

Of those egg producers who did vote, 57.4 percent of them (representing 72 percent of the voting egg production) favored increasing the assessment to its previous five-cents-per-case level, according to an AEB news release announcing results of the poll.

When asked if they would support legislation to increase the assessment higher than five cents per case, only 43.3 percent of those voting (representing 59.6 percent of voting production) voted in the affirmative.

Reprinted from May issue of "Egg Industry"

gd: Decholesterolization, Liquid Eggs



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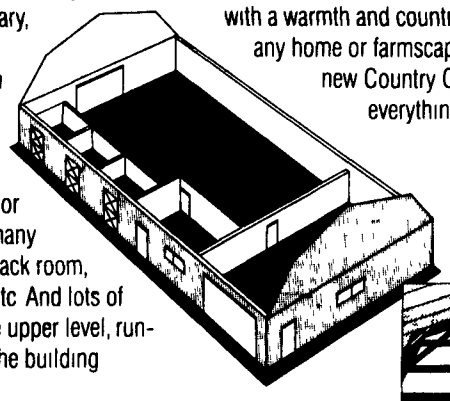

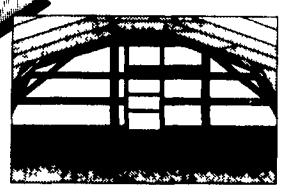

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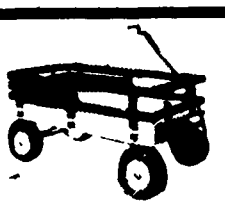

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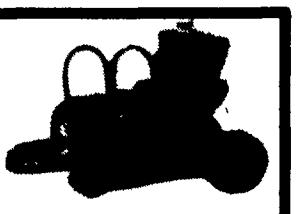

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The Eaton Way Is Unconventional, But Successful

BY RANDY WELLS
Indiana Co. Correspondent

CLARKSBURG (Indiana Co.) — Donald Eaton, 29, is building a top dairy herd near Clarksburg in Indiana County, admittedly using some unorthodox methods.

Eaton does not own his farm, but instead leases his barn, outbuildings and about 30 acres of pasture. He grows no crops, but instead buys all the feed he needs. He owns a minimum of equipment, and spends as much of his time as he can caring for his 100 Holsteins, 80 to 90 of which are in the milking string at any one time, and another 100 calves and heifers.

Eaton said he has been reluctant to grant interviews to talk about his unusual style of dairying. He said he wanted to wait until his ideas and methods proved themselves.

In the past few months his cows have given him the proof he was waiting for. At the annual Indiana County DHIA luncheon in December, Eaton won the award for top Holstein herd by butterfat count, with his cows averaging 825 pounds during 1988, an improvement of 84 pounds per cow over 1987 figures. He also achieved the county's lowest somatic cell count, with a reading of 84,000.

In the most recent classifications by the national Holstein Association, his herd had a BAA type confirmation of 105.9, and 24 cows scored Very Good. And at the Pennsylvania Spring Sale in State College in April, the Eaton farm furnished the second highest seller -- at a price of $8,500. Those accomplishments helped confirm Eaton's belief he was doing something right.

"I live, eat and breathe cows," he said. "I'm all the time forcing myself to keep sentiment out of it, and remain a businessman, and to base decisions on sound business reasoning."

On the day this interview was conducted, Eaton received even more proof that his business reasoning was sound, when the mailman delivered the latest DHIA computer printout. The 365-day rolling herd average for 98 head was 21,857 pounds of milk, 3.9 percent butterfat, 857F pounds per cow, and 3.2 percent protein, 704P pounds per cow.

Although a future goal is to someday own a farm, Eaton said leasing was the right choice for him, and for many others who may be considering a dairy operation.

His lease requires him to maintain a herd at the farm for five years. At the end of that time, if the market is right, he said, he might sell the herd, capitalize on what he has achieved, and start again at a new farm with a new herd.

"Dairying just does not justify the expense of buying land and equipment," he said. "As recently as 1980, some people still believed they could borrow $400,000 and pay it back milking cows."

Rather than buying a farm and incurring the added expense of starting a herd at the same time, Eaton said he will wait until he has a developed herd which can cover the payments and interest on a farm. And ideally, he said, that new farm might be further south, perhaps in Virginia, where cows can be kept outdoors longer, and off concrete floors more days each year.

"I'm not afraid to do things differently," he said. "I don't breed 100 percent artificial insemination. I breed natural six months of the year, and AI the other six months." He added he believes it is important to have the cows bred within 80 days after they calve.

For a two-week period he also tried milking three times per day. But without a milking parlor and sufficient manpower, it was too difficult. And, he said, milking three times a day wears the cows out faster.

Eaton attributes much of his success to paying attention to details, and following his father's advice: "If you're going to do it, do it right." The feeding program at the Eaton farm receives special attention. Eaton said he works very closely with Frank Glunz, a nutrition specialist at the Indiana County Agway offices. Consulting with Glunz perhaps three or four times a week, Eaton said ingredients in the feeding program for the cows may be varied as little as 10 grams to achieve just the right mix.

The herd is currently receiving a modified total mixed ration consisting of haylage, corn silage, high moisture shelled corn, cottonseed, plus a complete concentrate. The highest producing cows receive more of the complete concentrate according to their production. But 24 pounds of food a day is the maximum for any cow, Eaton said.

Brothers Barry (left) and Bradley Bollinger (right) of Kent pose with Donald Eaton and the herd favorite, Campbell Run Privilege Linda.

"It doesn't take 30 pounds of grain to make 100 pounds of milk," he said, adding he has had as many as 15 cows in the herd at one time who were 100-pound producers.

"Balance is the key. Every bite is a balance bite," he said.

There are three important considerations in regard to the total mixed ration, he said. Every effort must be made to ensure it is balanced, especially the forage-to-grain and calcium-to-phosphorus balances. The fiber content must also be monitored. And the total percentage of protein in the ration must be carefully controlled. He added he and Glunz have also been experimenting with the amounts of trace minerals in the cows' diets.

Strict milking practices are the secret of his low somatic cell count, which Eaton said was a "personal achievement," because it indicated more things were being done right. Part of the secret is maintaining a clean environment for the cows at all times. The cows are milked in tie stalls and housed in free stalls, which are cleaned twice each day.

Another important factor is feeding the cows right after milking, to keep them standing for at least 45 minutes until the teats contract, reducing the possibility of infection. John Miller, a foot-trimmer from Fayette County, also visits the farm monthly, he said, to help insure the cows' general comfort and good health.

The Turner Dairy in the Pittsburgh suburb of Penn Hills says 40 cents per hundredweight for premium milk, Eaton said, and 11 months out of 12 his shipments qualify for the premium payment.

"The best promotion for the dairy industry is producing a good product," he said. "The American consumer will pay for what he wants. Produce a quality product, and it will sell."

Eaton said another aspect of his operation he enjoys is the breeding of better cattle.

"I breed for type, feed for test, and the milk just comes through management," he said.

The herd favorite is Campbell Run Privilege Linda, a three year old which belongs to Eaton's young son Aaron. In 358 days she produced 28,793 pounds of milk, 4.9 percent butterfat, 1,399F pounds, and 3.3 percent protein, 961P pounds. Linda is the herd's top butterfat cow, and even though there are some other cows which produce over 30,000 pounds of milk each year, she is still the favorite.

Eaton also admits he's big on raising heifers.

"I put as much emphasis on calf raising and heifer raising as on the milk effort. These animals are part of my breeding effort," he said.

But Eaton also admits the success of his operation is a combined effort. He especially gives credit to Barry Bollinger, his 19-year-old herdsman who has been with him five years. In addition to Glunz at the Agway office, other valued specialists include Todd Van Dyke, a Mercer County vet and reproduction specialist, and Fred Potteiger, the man in Carlisle

(Turn to Page E12)

Donald Eaton says his calves and heifers receive as much attention and emphasis as the milk production.

Randy Wells — Indiana County Correspondent

Randy Wells is a reporter and lead writer for the Indiana Gazette, a 22,000 circulation daily newspaper in Indiana, Pa. He holds a bachelor's degree in journalism from Indiana University of Pennsylvania, and also worked as a radio newsman for six years.

Having lived in rural Indiana County all his life, he now resides near Marion Center with his wife Pat and their two children.

Since starting with *Lancaster Farming* in 1988, he has covered stories in Indiana, Jefferson and Armstrong counties.

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Dairy Month Is A Natural Time To Say Thank You To Our Dairy Farmers

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Du Pont Enters Agreement To Develop High-Oil Corn Hybrids

WILMINGTON, DE — The Du Pont Company, Pfister Hybrid Corn Company and the University of Illinois have entered into exclusive agreements for the development and commercialization of high-oil corn hybrids for improved animals feeds.

High-oil corn contains significantly more oil and protein than present commercial hybrids. Several studies indicate that livestock and poultry use high-oil corn feed more efficiently in weight gain, resulting in feed cost savings. This should benefit producers and consumers of corn by creating a higher value feed product, as well as help assure the global competitiveness of American farmers.

"The agreements outline responsibilities for the research necessary to improve the agronomic performance of the hybrids and the development of an effective system to produce and market the high-oil corn separately from the existing commodity system in America," said Daniel Hammes, Du Pont biotechnology product specialist, Agricultural Products Department.

Du Pont and Pfister will create a joint program to develop improved lines of high-oil corn. They will combine the proprietary corn germplasm and breeding expertise of Pfister with Du Pont's broad base of corn research and development technology. The University of Illinois, in turn, will grant Du Pont and Pfister the right to further improve and commercialize high-oil corn lines discovered by the university.

Through a research grant, Du Pont will fund further high-oil corn research by the university. Royalties will be paid on hybrids that are commercialized by Pfister.

"Collaboration with Du Pont and Pfister will benefit the people of Illinois by ensuring the development and commercialization of high-oil corn hybrids with nutritional qualities superior to other feeds," said Donald Holt, director of the Illinois Agricultural Experimental Station.

University of Illinois researchers began working on high-oil corn in 1896. Recent work by D.E. Alexander, professor of genetics in the department of agronomy, has led to development of experimental lines of corn with significantly higher oil and protein than standard hybrids.

Pfister breeders have worked with high-oil corn for more than 20 years. "Marketing under the 'Kern Oil' trademark, Pfister is the only commercial source of high-oil corn in the world," said Daniel Pfister, president. The 53-year-old company markets a full line of hybrid seed corn in 14 Midwestern states.

The agreements are consistent with Du Pont's mission to create new business opportunities based on higher value products developed through agricultural biotechnology.

Du Pont is a diversified chemical, energy and specialty products company with 1988 sales of $32.4 billion.

Kuhn Offers New Mower, Rake

VERNON, NY — Believe it or not, but farmers may find it worth their while to oil up that decrepit old rake rusting away in their back field. The same goes for that dusty old disc mower squirreled away in their machinery shed. That's because Kuhn Farm Machinery has put out a "most wanted" bulletin for the oldest working rotary rake and disc mower found in the United States or Canada.

The 160-year-old company, the oldest existing manufacturer of rakes and mowers, wants the items for its historic archives. And in order to get them, Kuhn has offered a generous reward. The individual who owns the oldest rake will be presented with a brand new Kuhn GA300GT Rotary Rake, while the owner of the oldest disc mower will receive a new Kuhn GMD66 Disc Mower. And even if a submitted rake or mower should turn out not to be the oldest, farmers still will receive a Kuhn sports cap by being one of the first 500 to enter.

Entrants must be 18 years of age or older, a resident of the United States or Canada, and willing to hand that old rake or mower over to Kuhn should it turn out to be the oldest one found. No purchase is required and Kuhn representatives will verify the authenticity of all entries. In the event of a tie, a drawing will determine the winner. Deadline for entries is September 30, 1989 and prizes will be awarded before January 1, 1990.

Kuhn will be advertising the promotion in June, July and August issues of U.S.and Canadian national and regional farm publications. Official entry blanks are also available through local Kuhn dealers or by writing to Kuhn at: Kuhn Farm Machinery, Old Rake and Mower Promotion, P.O. Box 224, Vernon, New York 13476.

The Eaton Way

(Continued from Page E10)

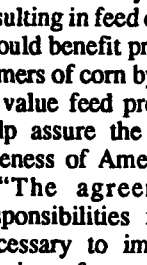
he often depends on for herd replacements.

"I have to put the whole picture together every day," he said. "But without those specialists I'd be gone."

As might be expected, the summer of 1988 was especially hard on the dairyman who buys all the food he needs.

"This past year was a break-even year," he said, adding feed costs increased 40 percent in all areas. By September he knew it was going to be a try-for-survival year. "We tightened our belts, we did without things, with one less man labor," he said. "We squeezed the most out of everything. We even made things like grain scoops last a little longer."

Another cost-saving measure was to cut down on the embryo transplants. Eaton said he's a dairyman because he likes cows and he likes being his own boss. As for his unconventional methods, his Holsteins are beginning to provide the figures to prove many of them are sound.



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Meat Board Adopts New Fiscal Year

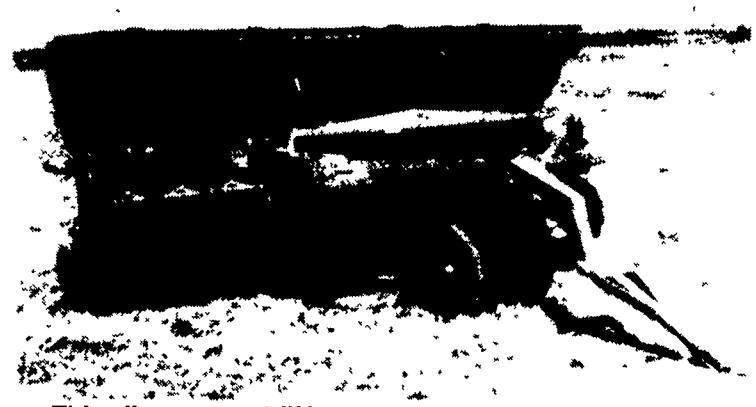
CHICAGO, IL — More than 400 livestock and meat industry leaders evaluated the impact of new beef, veal, pork and lamb checkoff programs and approved several Meat Board organizational changes during their winter board meeting here.

Evaluation was the theme for the meeting, as was noted by Don Jackson, Meat Board Chairman and a California cattleman, in his initital remarks to the meeting attendees. Jackson emphasized the importance of evaluating existing Meat Board programs and establishing promotional and research priorities for the coming year. "We have to concentrate on accountability. With the referendum behind us, now is the time to make sure we keep moving ahead. We have to follow through on the producer's expectations and take a broad look at evaluation of our programs," Jackson said. He stressed the importance of following the research information in making decisions.

Directors unanimously voted during Sunday's opening board of directors meeting to move to a new fiscal year running from October 1 - September 30. The current fiscal year, which would have ended April 30, will be extended to September 30. The change is to allow for closer coordination between the Beef Board, Beef Industry Council and state beef programs. The National Pork Board fiscal year, which runs from January 1 - December 31, will be accommodated through quarterly budgeting. A budgetary extension was approved for the interim during transition into the new fiscal year.

The current Meat Board officers and directors will remain in their positions until the 1990 winter board meeting as part of the transition process.

The National Live Stock and Meat Board is a livestock and meat industry coalition that has been working for 66 years to build consumer demand for meat through checkoff-funded programs of research, consumer information and promotion.



This all-purpose drill has a seeding width of 14 feet and is designed for use in no-till, minimum-till, or conventional planting.

Introduces All-Purpose Drill

JAMESTOWN, ND — Haybuster Manufacturing Co. announces the introduction of their new 147 all-purpose drill.

The 147 is a larger version of Haybuster's popular 107 drill, according to Steve England, sales manager for the company. "The seed width of the 147 is 14 feet. It offers an alternative to those who need a bigger drill," he added.

Like the 107, the 147 is a heavy-duty drill designed for use in no-till, minimum-till, and conventional planting situations. "We've take a proven design and made it bigger. This new drill can be used to plant all small grain seeds, solid-stand beans, alfalfa, clovers and grasses, and it is ideal for pasture renovation and interseeding," said England.

The new 147 drill features heavy-duty double-row bearings in 14-inch offset disc openers. The seeding width is 14 feet with seven-inch row spacings. The overall width is 14 feet. Transport wheels are built in and the transsnport width is the same as the seeding width.

For more information, call or write Haybuster of South Dakota, PO Box 909, Aberdeen, SD, 57402; 605/225-0929.

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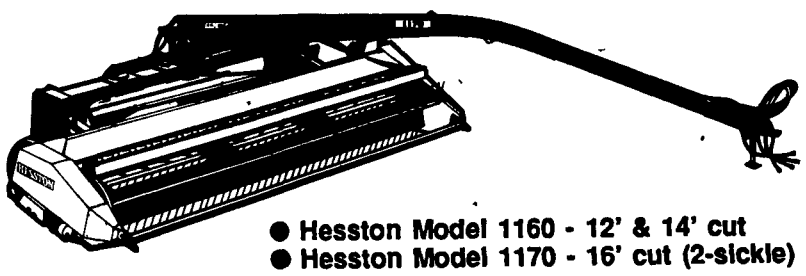

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- Hesston Model 1160 - 12' & 14' cut
- Hesston Model 1170 - 16' cut (2-sickle)

MODEL 1130 PULL-TYPE MOWER/CONDITIONER

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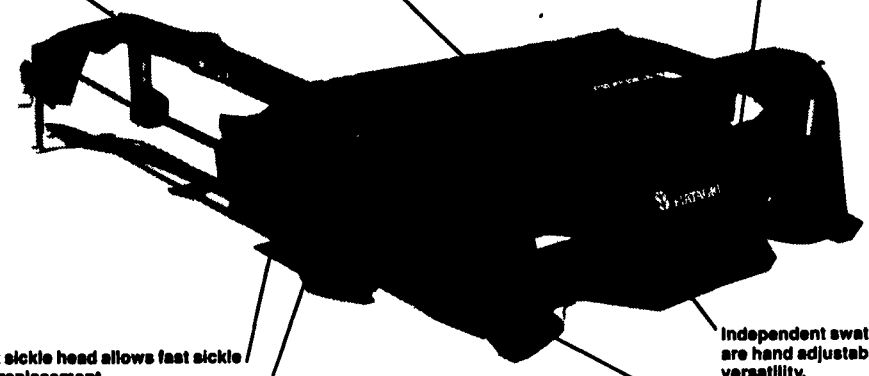
Metal five bat cam-track driven reel gives even crop feed and long life.
Hydraulic swing cylinder is standard equipment for easy changes from field to road position.
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Single bolt sickle head allows fast sickle service or replacement.
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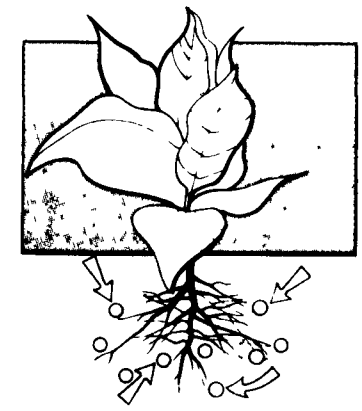

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Pennsylvania Dairy Herd Improvement Association

May, 1989
Rolling Herd Average

1133 lbs. BF and 28,124 lbs. milk was produced in 305 days by Girtie, a 3 year old Holstein owned by Smysers Richlawn Farms, 2691 East Berlin Rd., York, Pa. Second high was Anna, a 5 year old Holstein who produced 967 lbs. BF and 20,412 lbs. milk in 305 days, owned by J. Donnell Taylor, RD#2, Delta, Pa. 17314. High herd was Smysers Richlawn Farms, 2691 East Berlin Rd., York, Pa., with 75 cows producing 26,677 lbs. milk and 847 lbs. BF. Second high was Jim & Holly McCaffree, RD#1, Delta, Pa., with 57 cows producing 22,284 lbs. milk and 830 lbs. BF.

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Smysers Richlawn Fms	3	75.1	88.9	26,677	847
Jim&Holly McCaffree	3	57.4	88.2	22,284	830
Lynn Wolf	3	75.1	89.7	22,626	803
Rutters	3	11.5	85.3	19,095	794
HS & RE Fetrow	3	85.5	89.3	23,032	774
Beshore Farms	3	49.7	87.2	20,696	769
Dan & Patti Hushon	3	46.2	89.2	21,061	741
Sinking Spring Fminc	3	66.0	88.1	19,762	736
Ramsey S Cooper Jr	3	62.7	87.6	18,773	729
Thomas A Boyer	3	47.8	84.6	19,486	726
Wayne E Myers	3	52.8	87.0	19,791	722
Shelbud Holsteins	3	89.7	90.0	19,781	714
Hopewell Center Farm	B3	26.4	89.4	19,170	710
McRal Daity Farm	B3	258.4	88.3	19,685	707
B Robert Charles	3	50.5	83.0	18,712	702
William Myers	B3	53.1	88.2	18,986	692
Four-Co Farm	3	52.1	86.2	20,092	687
Melvin R Lehr	B3	48.6	84.9	18,436	685
Melvin + Barb Marks	3	48.4	86.9	19,550	680
Spring Meadow Farm	4	8.4	91.5	13,731	677
Leonard Greek	3	49.2	88.5	18,331	677
Mervin W Hertzler	2	62.4	88.1	14,758	671
Earl Fuhrman	3	79.5	89.1	19,363	665
Rutter Bros	2	68.6	88.6	14,362	665
Edwin L Calhoun	B3	54.2	87.8	18,447	664
RR&MR Stewart	3	57.9	88.5	17,427	660
Walnut Hill Farm	B3	51.0	85.2	18,140	659
Gary W Thoman	3	55.1	85.0	18,290	657
Albert Dehoff	B3	146.5	89.7	18,441	657
Woodbine Farms	3	143.2	84.0	17,451	652
Gum Tree Farm	3	49.0	88.2	18,292	647
Elvin G Molison	B3	150.1	87.4	17,534	643
Furnace Creek Farm	3	120.0	85.5	17,786	642
Robert W Mays	B3	64.5	86.4	17,014	640
David Stewart	3	113.1	92.2	16,515	638
Leroy E Walker	B3	18.1	85.1	18,434	631
T Edwin Johnson	3	83.0	87.2	15,839	630
Elvin R Deiter	G3	59.1	86.1	17,477	630
Bupplynn Farms Farm2	B3	65.2	87.3	18,431	628
Leaspring Farm	3	56.2	85.7	17,722	628
Robt Baumgardner Jr	B3	63.5	88.1	18,761	628
David Gemmill	B3	98.8	86.1	17,235	627
VH+MB Hushon	G3	71.9	88.3	17,026	624
Rodman C Thompson	3	69.3	86.1	17,536	621
Smokey Hollow Farm	G3	47.6	80.4	18,535	621
Harold Brown	3	65.6	86.2	17,677	616
Eisenhart Bros	B8	100.6	88.6	15,960	616
Dale E Ranck	B3	39.2	86.5	17,046	616
Perrydell Farms	B3	167.4	85.0	17,228	610
George Innerst&Sons	B3	114.8	87.5	16,620	608
Kevin S Holtzinger	B3	213.9	85.2	16,517	608
J Donnell Taylor	B3	141.0	84.8	17,050	606
Double D Farm	G3	108.7	83.3	15,824	605
Deal Holsteins Farm	B3	128.0	87.6	16,243	601
Applehurst Farms	B3	33.8	90.0	16,561	594
Wayshar Farm	B3	83.9	85.3	15,860	593
John C Krone	B8	45.8	88.3	15,616	584
Keith A Shaffer	3	44.3	87.1	15,977	583
Kenneth L Rexroth	B3	144.6	85.8	15,533	580
Galen Hess	G3	73.5	86.8	15,671	580
Dale & Darla Doll	3	80.3	88.0	16,482	579
R&M Farms	B3	72.3	85.7	16,352	578
Doug & Gene Kilgore	B3	68.5	85.9	16,010	575
John Dietz	B4	22.3	85.5	11,984	574
Circle Creek Hol	B3	47.4	87.6	15,395	571
Elwood T Krick	B3	99.4	90.2	14,968	563
William-Robert Fantom	B3	69.5	86.2	15,502	562
Ellis Crowl	B3	71.9	85.4	15,019	560
Dennis J Myers	B3	46.6	86.8	17,535	559
Myron R Pomraning	G3	57.7	83.8	15,254	557
Howard G Taylor	B3	74.6	85.6	14,667	554
T+K Jerseys	B4	10.9	82.8	11,649	553
Charles Herr & Son	B3	43.9	83.9	14,602	552
Emory & Wm Kilgore	B3	63.0	83.5	15,250	551
Earl Fuhrman Farm 2	3	47.3	81.0	16,021	550
David L&Chris Druck	B3	68.2	78.4	16,165	550

Lactations

Woodbine Farms						
471	3	2-1	304	18,661	3.4	650
#92	3	2-1	305	18,327	3.6	676
Emory & Wm Kilgore						
75	3	2-7	305	19,634	3.4	682
William-Robert Fantom						
95	3	3-7	305	16,859	4.2	714

(Turn to Page E16)

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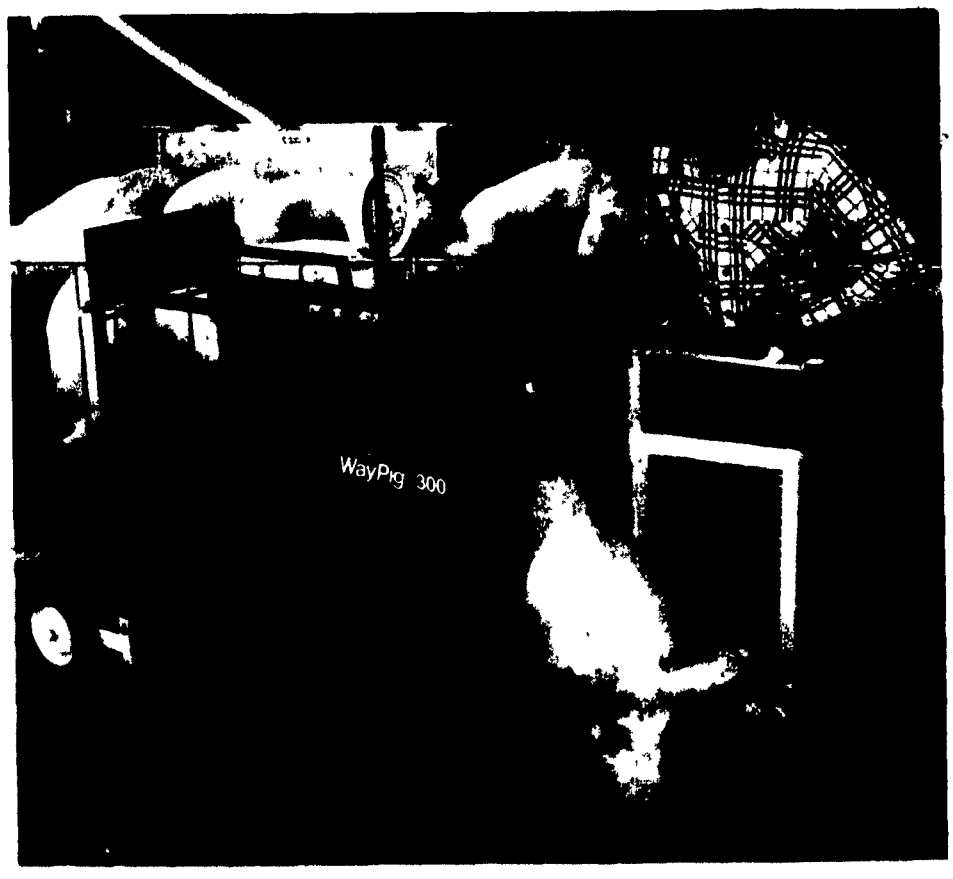

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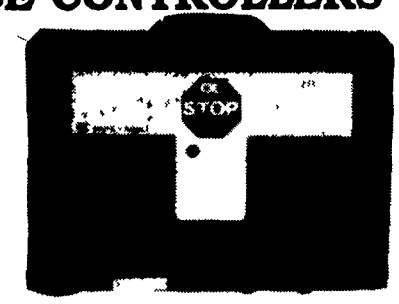
- Rapid cooling protects milk quality and flavor
- Uses well water or ice chilled water
- High grade stainless steel plates and long-life gaskets
- Cleans in place with pipeline system

DE LAVAL

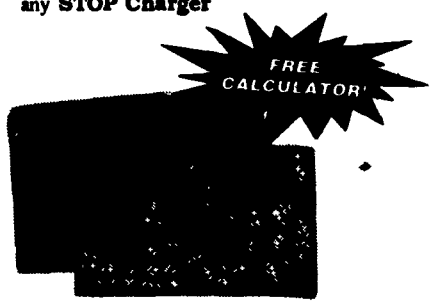
ELECTRIC FENCE CONTROLLERS

ALFA-LAVAL STOP



- State-of-the-art **solid state controllers** — the most advanced electric fence technology
- Adjusts to adverse conditions to save energy
- Increases output as needed to counteract undergrowth
- **2-YEAR WARRANTY...** assures long life and value
- Safe and effective — a proven performer!

Free "Credit Card" Calculator
Get a free calculator with the purchase of any **STOP Charger**



Free "Credit Card" Calculator
Get a free calculator with the purchase of any **STOP Charger**

STOP 200
- Charges up to 25 miles of fence
- Delivers a short, sharp shock
- Ideal where undergrowth is no problem
- Rates on 110V AC current

$79.95

STOP 250
- Charges up to 50 miles of fence
- High shock power
- Retains high pulsed current despite grass and weed undergrowth
- Runs on 110V AC current

$119.95

STOP 206
- The most powerful **STOP** charger
- Charges up to 75 miles of fence
- Reverse capacity assures reliability in all conditions
- Withstands heavy undergrowth
- Runs on 110V AC current

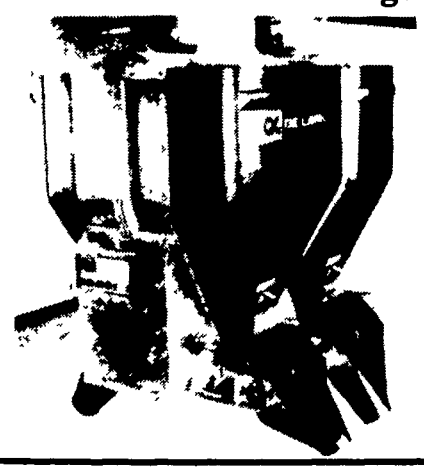
$169.95

STOP 26
- Unique low impedance system maintains high shocking power
- AUTO setting adjust to meet changing conditions, extends battery life
- Charges up to 25 miles of fence
- Built-in warning light notifies you to recharge battery
- Runs on **12 volt battery**

$99.95

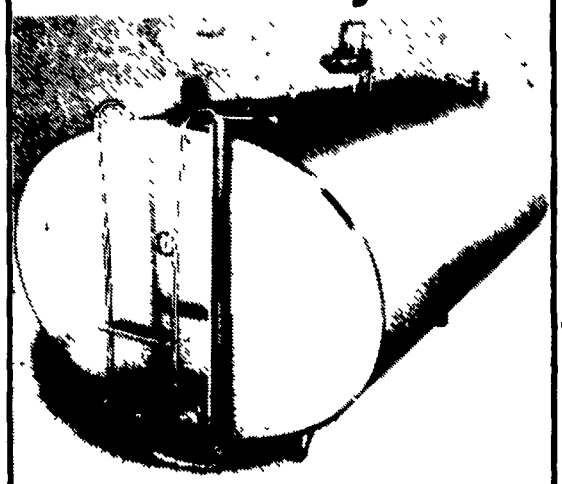
DE LAVAL The De Laval® FEED CAR Stanchion Feeder

NOW...All the advantages of automatic individually controlled feeding is available for stanchion and tie-stall barns.



The principle of feeding little and often is now available and affordable. Now 30-40 cow operators can have the same benefits as large operators. You can give each cow an individually programmed ration based on milk production, stage of lactation and other factors you want to consider, feed small amounts up to 10 times every 24 hours. It's accurage and automatic, feeds 4-to-5 cows per minute with one or two types of feed; and has optional automatic refill. Travels around your barn on an overhead monorail. Owners report it can pay for itself in 18 months or less.

COMPARE De LAVAL® Century™



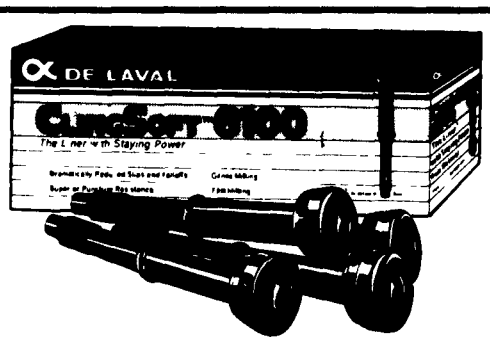
Series Of Bulk Coolers For
- **PERFORMANCE**
- **QUALITY** • **VALUE**

600 to 5,000 Gallon Capacity

NEW... S.S.T. II Automatic Take-Off Unit

- Advanced 2nd Generation Model
- Solid-State Microprocessor Control
- Operates on Vacuum
- Built-In "Milk Sweep" Saves More Milk
- Operates on Any DeLaval Milker System and Most Other Brands

A Stanchion Stall Barn Model, Too!
- Reduces "Squats" per cow
- Helps Prevent Overmilking
- Saves Time Every Milking



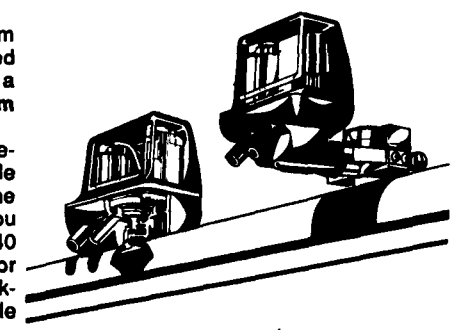
FINALLY, A LINER WITH STAYING POWER.

Tests show this liner can dramatically reduce slips and falloffs. *Dale Langenkamp of New Weston, Ohio saw a 77.8& reduction in slips and a 100% reduction in falloffs compared to a Milk Rite® liner.* Think of the valuable time that could save you, let alone the reduction in teat end impacts and chances for milk contamination. But that's just for starters.

If you think frequent liner slips and falloffs are unavoidable, you're living in the past. Now there's a new liner that stays on the job when others fail: **ClingSoft® 6100.**
- Narrow bore is gentle on teats
- Provides complete, fast milking
- Beefed-up ribbed area near liner and virtually eliminates claw nipple punctures
- Unchlorinated rubber surface prevents premature aging, makes liner easier to keep clean.

Put the liner with staying power to work for you. **Cling Soft 6100.**

PRECISE PULSATION *For Uniform Milking*



If you want the most uniform pulsation possible, then you need the solid state technology of a **Delatron™ Pulsation System** from DeLaval.

Delatron Pulsators use state-of-the-art electronics to provide consistent performance with the highest reliability. They offer you a choice of ratios (70:30 or 60:40 at 60 PPM) for your parlor or pipeline milkers, can be stallcock- or pipe-mounted and are available with a built-in air filter.

What's more, **Delatron Pulsators** offer other unique features, including our exclusive servo value and our low voltage design. Plus, they allow you to individually control up to 20 pulsators using just one master controller

To learn how a **Delatron Pulsation System** can improve the efficiency of your milking operation, see your DeLaval dealer today.

Congratulations DAIRYMEN

SEE YOUR LOCAL DE LAVAL DEALER

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PEOPLES SALES & SERVICE
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BURCHFIELDS, INC.
Railroad St., Martinsburg, PA
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ERB & HENRY EQUIP., INC.
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RD 2
Orangeville, PA
717-925-6939

C.L. GREENLAND
109 S. Corl St.
State College, PA 16801
814-237-2363

J.B. ZIMMERMAN & SONS
West of Blue Ball, PA on Route 23
717-354-4955

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Shippensburg, PA
717-532-6139

I.G. AG SALES
Silverdale, PA
215-257-5136

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POTOMAC VALLEY SUPPLY
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301-223-6877

TYLER CONTRACTING, INC.
3800 Aldino Rd.
Churchville, MD
301-734-6950

TRI-CO. DAIRY EQUIP.
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4132 R Main Street
Linsboro, MD
301-374-6616

DELAWARE

BENNETT MACHINE CO.
1601 South Dupont Blvd.
Milford, Del.
302-422-4837

York Co. DHIA

(Continued from Page E14)

Ellis Crowl						
Lori	3	6-6	305	18,469	3.9	729
Sinking Spring Fminc						
Marie	3	8-10	305	21,418	3.8	817
Mattie	3	4-11	305	23,314	3.6	851
Woolsy	3	4-5	305	22,112	3.1	704
Rutter Bros						
Patty	2	8-11	305	13,637	4.8	663
Bear	2	6-6	305	18,938	4.5	854
Beshore Farms						
Leah	3	5-5	305	22,323	4.0	910
Lauren	3	3-1	305	21,939	3.0	676
Harold Brown						
Glamour	3	4-2	305	22,943	3.4	782
Gum Tree Farm						
Jinx	3	4-0	305	21,944	3.5	787
Jake	3	3-6	305	17,853	4.0	715
Elwood T Krick						
511	3	6-1	305	19,038	3.8	727
Leaspring Farm						
Fuzz	3	4-6	305	20,641	3.4	707
Dame	3	5-6	305	21,991	3.2	711
Rosy	3	4-4	305	19,597	3.6	721
Thomas A Boyer						
Julie	3	4-5	297	20,446	3.7	772
Kitten	3	3-3	305	17,427	4.0	699
Earl Fuhrman						
187	3	3-5	305	16,870	4.1	704
Dorrie	3	2-4	305	20,001	3.2	650
Corella	3	2-3	299	17,982	3.6	650
224	3	2-6	305	19,803	3.3	657
Furnace Creek Farm						
1	3	8-9	305	21,346	3.2	694
116	3	7-7	305	19,967	3.2	652
HS&RE Fetrow						
May	3	5-9	305	23,539	3.4	816
Bell	3	2-4	305	23,161	2.9	690
Rodman C Thompson						
Nan	3	4-9	305	22,066	3.2	706
Marcie	3	3-1	305	20,458	3.4	712
RR&MR Stewart						
Pep	3	3-8	305	18,000	3.6	659
Topper	3	3-6	305	18,241	3.5	650
Terri	3	2-7	305	20,845	3.5	734
Smysers Richlawn Fms						
Girtie	3	3-6	305	28,124	4.0	1133
Beulah	3	2-6	305	21,630	3.2	702
Buddy	3	2-5	305	23,637	3.7	894
Dina	3	2-2	305	23,186	3.3	771
Pearl	3	2-6	305	22,432	3.6	817
Viv	3	1-11	305	20,451	3.2	672
T Edwin Johnson						
Sunset	3	9-2	305	20,799	3.8	801
Faith	3	4-10	305	16,285	4.0	660
Mart	3	3-3	305	15,045	4.6	706
Wink	3	2-9	305	19,839	3.6	720
Leroy Bupp						
Patches	3	4-9	305	17,768	4.0	713
Lynn Wolf						
Melba	3	6-0	270	22,500	3.7	849
Ora	3	4-3	305	19,768	3.6	713
Rebecca	3	1-10	305	20,987	3.5	750
Peachy	3	2-4	305	22,874	3.8	876
Quail	3	2-0	305	16,979	3.9	673
Ramsey S Cooper Jr						
Vivian	3	4-9	305	19,163	3.4	662
Wilma	3	5-10	305	16,754	4.0	678
Melvin R Lehr						
17	3	4-2	277	20,904	3.9	817
54	3	3-11	305	19,262	3.9	763
32	3	3-4	289	16,044	4.0	653
Elvin R Deiter						
Yukon	3	3-1	305	16,204	4.1	673
Wayshar Farm						
Marion5	3	8-2	305	18,556	3.9	735
57	3	7-0	305	22,295	3.0	682
Dot	3	6-8	305	19,425	3.6	717
Kenneth L Rexroth						
129	3	8-0	305	19,866	3.5	707
71	3	4-4	305	21,520	3.6	775
114	3	3-1	305	21,002	3.2	684
Donald Wilson						
70	3	7-4	305	16,182	4.1	678
Rick L Cook						
107	3	4-7	264	21,065	3.5	752
J Donnell Taylor						
Helen	3	9-8	305	20,144	3.2	651
Anna	3	5-9	305	20,412	4.7	967
Silver	3	2-11	305	17,893	3.8	683
Bupplynn Farms Farm2						
Mitzi	3	7-2	305	23,487	3.3	783
Elvin G Molison						
153	3	4-9	305	18,588	3.6	669
Mervin W Hertzler						
Kate	2	3-4	305	12,909	5.0	656
Dina	2	2-10	305	16,687	3.9	665
Gary W Thoman						
Donna	3	6-7	305	21,135	3.8	813
Cristin	3	5-0	305	23,400	3.9	915
B Robert Charles						
Hyacint	3	7-0	305	16,732	4.0	678
Edwin L Calhoun						
Golly	3	4-2	305	23,063	3.2	751
Indian	3	2-1	305	20,023	3.2	657
Circle Creek Hol						
Naomi	3	6-0	305	19,355	3.7	719
Sasha	3	4-8	305	19,052	3.5	673
Cricket	3	6-6	297	20,043	3.7	747
Mindy	3	8-5	305	18,949	3.9	755
Robert W Mays						
20	3	3-7	292	16,858	3.9	670
37	3	2-10	305	16,423	4.6	756
47	3	3-3	305	17,561	4.1	729
David L&Chris Druck						
120	3	8-5	305	20,609	3.2	670
Big T Holsteins						
Lori II	3	6-6	293	17,916	3.9	703
Bisket	3	3-5	276	17,644	3.7	664
Oofy	3	3-9	298	20,836	3.7	787
Perrydell Farms						
223	3	3-10	305	26,342	2.8	757
David Stewart						
Mary28Y	3	5-4	305	24,643	3.1	765
Bert135	3	2-11	305	15,274	4.3	665
Myron R Pomraning						
11	3	3-10	305	15,667	4.3	682
Double D Farm						
228	3	8-7	305	17,656	4.3	769
278	3	5-0	254	14,871	4.5	671
288	3	5-2	290	18,720	3.6	689
Deal Holsteins Farm						
50	3	6-6	305	23,400	3.2	764
George Innerst&Sons						
15	3	6-0	305	21,066	3.3	713
76	3	2-5	305	16,114	4.2	690
Jim&Holly McCaffree						
Marion	5	10-2	305	19,202	3.8	747
William Myers						
Jolt	3	3-1	305	20,659	3.3	694
Happy	3	3-3	305	24,083	2.8	695
Leonard Greek						
Mindy	3	5-9	247	21,145	3.8	803
Hopewell Center Farm						
33	3	4-0	305	18,838	4.1	781
Shelbud Holsteins						
Buffy	3	6-9	305	20,631	3.2	669
Ellen	3	5-8	305	24,474	3.1	779
Dixie	3	5-8	305	24,264	2.8	700
Ruth	3	4-1	305	18,459	4.1	764
Cecelia	3	4-1	305	22,162	3.1	692
Getty	3	3-7	305	19,322	3.5	677
Jixie	3	3-3	305	22,578	2.9	655
Jellen	3	2-2	305	20,897	3.5	746

(Turn to Page E18)

Free Milk
at Lebanon Valley National Bank

In honor of National Dairy Month, Lebanon Valley National Bank's agricultural loan professionals and LVNB-area farmers invite you to enjoy a refreshing glass of milk at our Womelsdorf, Myerstown, Schaefferstown, Pine Grove, Ephrata and Warwick Center offices.

Milk's the One. . .and you are too! We're ready to serve your agricultural banking needs.

LVNB AgriGroup:
Mike Firestine—Sr. Agricultural Loan Officer
Bob Donaldson—Agricultural Loan Officer
Sean McKinney—Agricultural Loan Coordinator

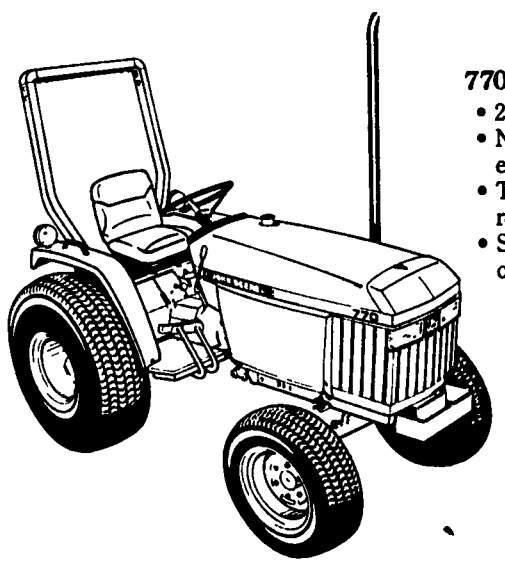
Agricultural Loan Office: 274-6906

LVNB Lebanon Valley National Bank
Member F D I C Equal Opportunity Lender
Corporate Headquarters:555 Willow Street
Lebanon, PA 17042

John Deere Diesel Headquarters

New Diesel Tractors Just Arrived!

(770 Series)



770 Compact Utility Tractor

770 Compact Utility Tractor
- 22.5-hp, 3-cylinder engine, 20 PTO hp
- New styling with engine side shields that remove easily for servicing
- Transmission-driven or continuous live 540-rpm rear PTO available
- Shift-on-the-go mechanical front-wheel-drive option

With -
4 Wheel Drive
Turf Tires
Power Steering

$8,699.00
Cash Only

Nothing Runs Like a Deere®

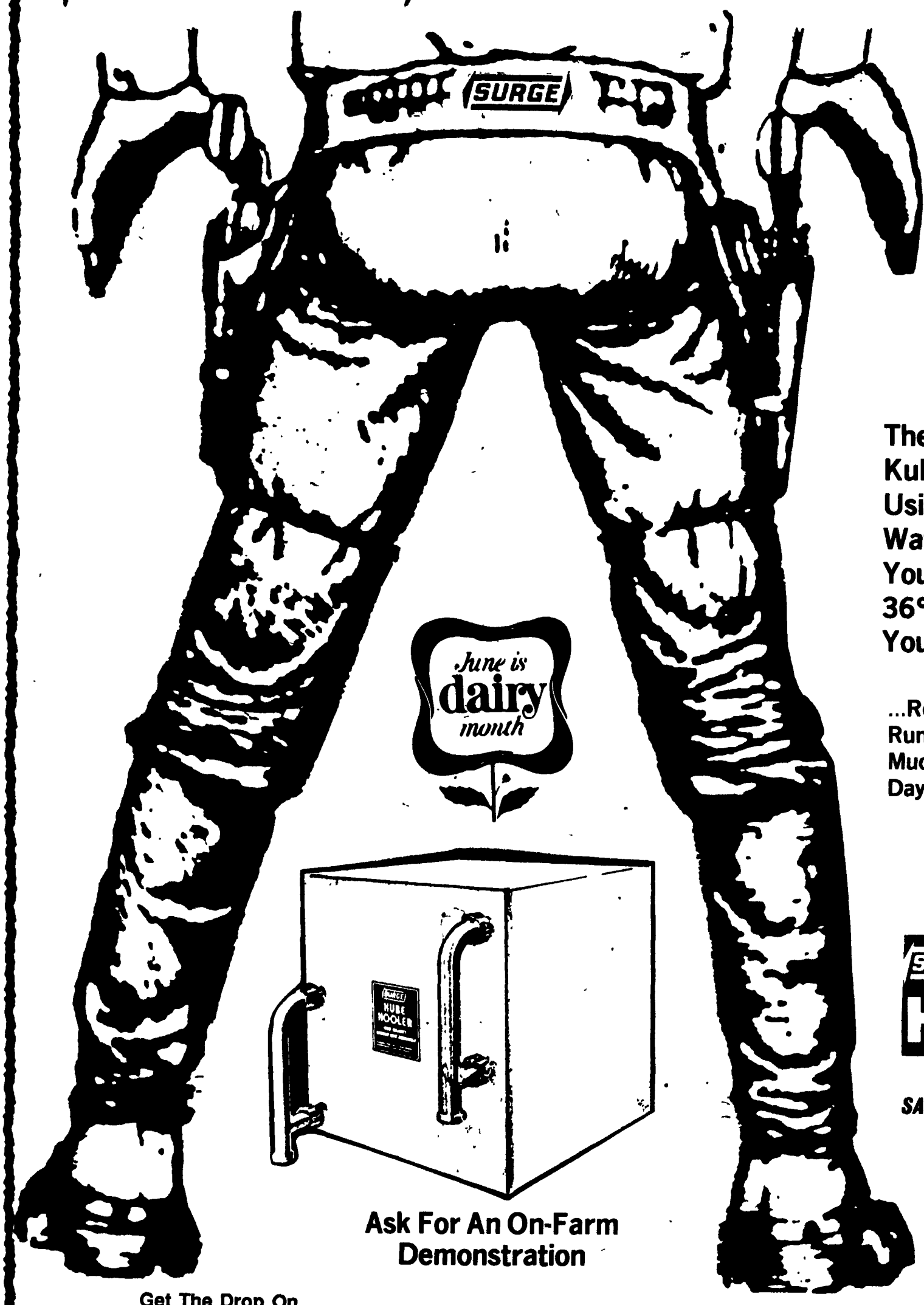
717-664-4663

ELM, PA

Bomberger's

Mon., Thurs & Fri till 9 00 • Tues. & Wed. till 6.00 • Sat till 5 00

SURGE has "GOT THE DROP" On Milk Cooling Costs...



The Surge Kube Kooler... Using Only Well Water Can Pre-Cool Your Milk By 33° to 36° Before It Enters Your Bulk Cooler!

...Reducing Compressor Running Time By As Much As 2 Hours A Day On Some Farms!!

SURGE KUBE KOOLER

-HI-VELOCITY- SANITARY HEAT EXCHANGER

Ask For An On-Farm Demonstration

Get The Drop On Cooling Costs... See One Of These Dealers For Details!

SHARTLESVILLE FARM SERVICE
Dale Wenger
RD 1, Hamburg, Pa.
Ph: (215) 488-1025

LONGACRE ELECTRICAL SVC. INC.
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Ph: (215) 845-2261

PEN W. HOSTETTER
RD 2, Annville, Pa.
Ph: (717) 867-2896

We can make your cows worth more.
SURGE

BRANDT'S FARM SUPPLY
601 E. High St.
Elizabethtown, Pa.
Ph: (717) 367-1221

JIM'S SURGE SALES & SERVICE
215 Oak Bottom Rd.
Quarryville, Pa.
Ph: (717) 786-1533

York Co. DHIA

(Continued from Page E16)

Gonnie	3	2-3	305	18,584	3.6	673
Quenna	3	2-2	305	19,924	3.4	692
Jiza	3	2-4	305	20,826	3.1	658
Keam	3	2-3	305	18,936	3.7	708
Euffy	3	2-5	305	18,265	3.5	650
Lula	3	2-3	305	19,561	3.8	759
Larry Robinson						
23	3	6-3	305	16,883	3.8	651
Galen Hess						
192	3	0-0	305	18,239	4.0	736
22	3	1-11	305	16,559	4.1	680
211	3	0-0	305	20,336	3.4	707
Four-Co Farm						
Dela	3	5-8	277	20,397	3.2	670
#Lilac	3	4-8	305	21,359	3.2	703
Amy	3	3-4	305	20,976	3.4	727
Honey	3	3-1	305	22,261	3.1	702
Rutters						
Jessie	3	5-0	305	19,144	4.2	815
Garden1	3	3-6	305	18,051	4.5	815
Kevin S Holtzinger						
245	3	6-5	305	20,603	3.8	799
461	3	5-3	305	21,280	4.0	867
412	3	5-10	300	19,083	4.0	765
431	3	4-11	305	21,744	3.1	686
812	3	4-4	305	21,768	3.5	774
814	3	4-1	305	16,808	4.1	705
822	3	4-4	305	16,868	3.9	659
829	3	9-6	305	18,984	4.3	834
833	3	3-2	305	17,985	3.7	671
Earl Fuhrman Farm 2						
182	3	3-9	305	21,080	3.6	772
McRal Dairy Farm						
Dputy56	3	9-0	305	20,005	4.4	893
356	3	6-10	305	24,648	3.2	804
419	3	6-10	305	21,723	4.2	923
569	3	3-10	305	21,572	3.4	744
635	3	3-0	305	22,827	3.4	792
642	3	2-11	305	22,963	3.0	699
668	3	2-10	305	18,489	4.3	810
652	3	2-11	305	20,897	3.5	743
741	3	2-0	305	18,899	3.4	655
744	3	2-0	305	17,830	4.1	744
747	3	2-0	305	17,536	3.8	672
759	3	1-11	305	17,095	4.0	686
778	3	1-10	305	18,472	3.5	652
777	3	1-10	305	19,310	3.5	675
760	3	1-11	304	15,422	5.2	806
763	3	1-11	305	14,433	5.0	724
William Ruppert						
Mindy	3	8-5	261	16,855	3.9	666
Horns	3	5-4	287	23,041	3.2	752
Amy	3	3-5	299	21,675	3.5	777
Willie	3	5-6	265	18,382	3.9	723
Maggie	3	5-7	274	17,070	4.3	739
Eisenhart Bros						
486	3	4-4	305	17,625	4.2	752
518	3	3-5	305	20,133	3.5	718
564	3	2-4	305	19,124	3.9	761
Wayne E Myers						
Dawn	3	5-7	305	26,088	3.1	818
Grace	3	5-6	305	24,449	2.8	706
Vickie	3	3-5	305	19,076	3.5	674

Huntingdon Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

April, 1989
Rolling Herd Averages

Name of Herd Owner	Brd.	No. Cows	Cow Days In Milk	Milk Lbs.	Fat Lbs.
Tannery Road Farm	B3	78.4	85.8	21,870	826
Joseph M McMath	3	59.4	84.7	20,716	773
Timothy R Peachey	3	75.6	88.8	20,831	761
Dean E Varner	B3	36.8	86.1	21,603	756
Daland Farms	3	124.9	86.2	19,517	734
John W Lynn	B3	60.2	81.1	19,966	721
Locust Lane Farm	B3	115.9	87.1	19,329	708
E James McMath	3	133.0	87.3	18,252	697
Globe Run Farms	3	95.1	89.4	18,791	696
Geary E Shade	3	87.6	90.2	19,476	692
Carl C & Carol Barnett	B3	78.8	87.3	19,593	692
Branstetter Farms	B3	83.6	83.1	18,496	690
Gerald E McMath	B3	72.4	86.9	19,370	689
Gibboney Farms	3	62.5	88.6	19,559	687
Lakevue Farms	B3	121.6	86.9	19,098	684
Sangrey Farms	B3	101.3	89.0	19,513	684
Samuel K Byler	B3	50.8	88.4	20,063	683
Philip A Yohn	G3	51.9	85.1	19,258	675
Jim & Kim Grove	B3	29.3	87.3	18,790	671
James Boone	B3	43.7	86.3	18,753	669
John & Darlene Lake	B3	55.2	88.2	19,272	668
John Brodzina	B3	57.0	92.4	18,497	664
Terry & Cathy Eutzy	B3	32.9	84.5	18,376	664
John S Kyper	B3	63.2	84.7	18,734	663
Harry & Robin Barnett	G3	44.6	87.8	19,084	661
Daland Farms					
Ardel	3	4-1	303	26,541	1070
Becky	3	5-8	305	22,445	938
Priscil	3	6-6	305	20,033	934
Joseph M McMath					
Idamae	3	4-10	305	22,725	1019
Dean E Varner					
Rosie	3	7-4	305	25,364	918
Timothy R Peachey					
Maggie	3	4-10	305	21,542	886
Branstetter Farms					
Dutch	3	4-10	305	23,239	881
Raymond Tussey					
Smurfet	3	4-0	305	20,836	871
Jim & Kim Grove					
Sexy	3	4-9	305	23,215	861
Chester & Carole Smith					
321	3	6-8	305	23,495	854

Clearfield County DHIA
April, 1989
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Orner Farms Inc	B3	82.0	88.1	21,133	777
Hicks Dairy Farm	B3	69.5	90.7	21,129	738
R Wriglesworth & Son	B3	59.0	88.2	19,555	712
Dennis J Modzel	3	28.1	90.5	19,252	704
Harry Mahlon	B3	24.6	88.0	18,508	703
Lawrence Ecklund	B3	36.4	85.2	18,286	698
John Sankey	B3	31.0	85.1	18,280	677
Martin Whitaker	B3	30.9	84.1	18,395	672
Carl G Brink + Sons	B3	65.1	84.6	18,599	665
Orner Farms Inc	2	30.0	85.9	14,208	651

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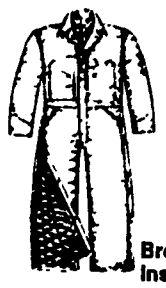

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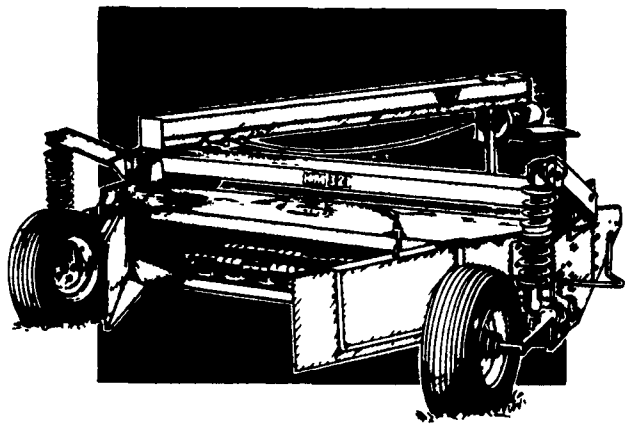

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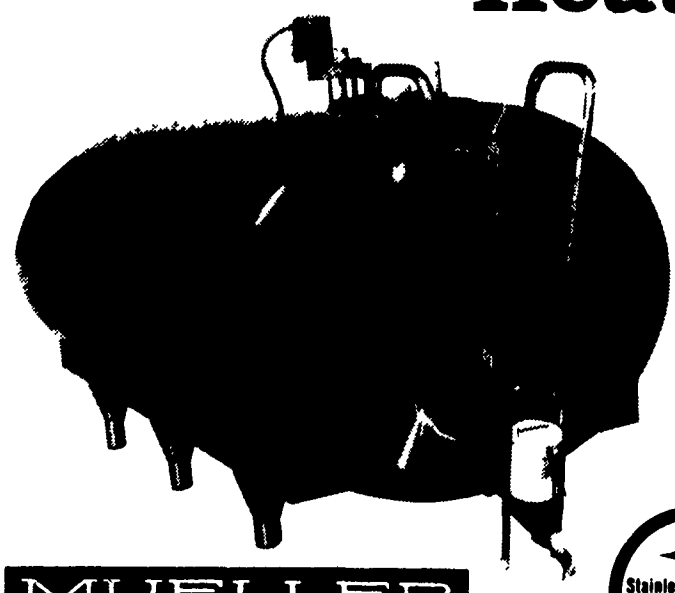

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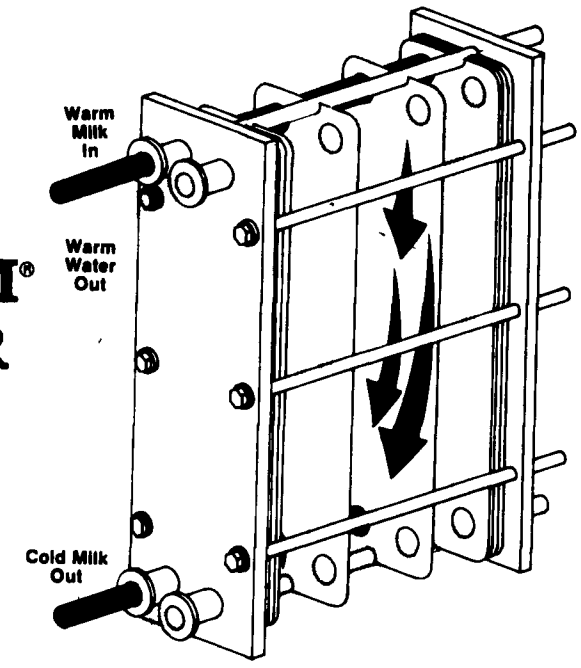

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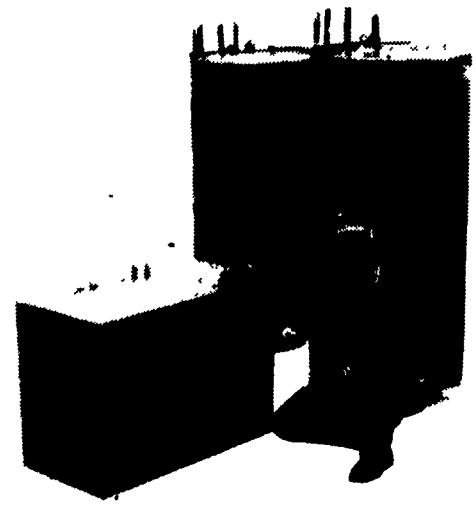

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Ryman Farm Blessed With Ample Water, Dedicated Family and Good Grade Holsteins

BY HELEN KELCHNER
Columbia Co. Correspondent

BERWICK (Columbia) — Kenneth and Carolyn Ryman began farming in 1970. They bought out a Nescopeck R.D. #1 farm complete with 50 head of Holsteins, a metal barn, an old shed and some farm equipment.

Ryman began a program immediately to build up the 160 acres and improve the herd. Working the land was a night and day labor of love with a couple of old tractors. Today, about 40 acres are contour striped and he has rented additional acreage on which he raises 70 acres of corn, 40 acres of oats and the balance in hay — enough feed to fill the needs of his present 100 head and have a nice surplus.

Much of the farm is uniquely situtated on a hill which slopes down to a five-acre pond. And, just as uniquely, the land is blessed with numerous underground springs. There is no concern for water supply. Springs not only feed the five-acre pond, but a second half-acre pond is filled by a constant flow from a pipe run into the side of a hill. Another spring oozes up in the middle of the dry cow pasture and Kenneth ran into still another when he dug the foundation for one of his sheds.

The farm has another blessing. It lies in a weather belt which seems to get rain when many farmers within less than a mile are suffering from drought conditions. In fact, last year when most farmers lost crop yield from the dry weather, Ryman applied for aid because two fields of corn suffered from too much rain. Whether wind drafts have any effect in attracting rain or not, Ryman says very often just before a rain, the wind swirls up from the hollow and over the hills where his farm is situated.

Of the 100 head of grade Holsteins, Rymans try to keep their 48 tie stall, 100-foot barn at capacity with milking head. They also closely maintain an average ton-a-day production with one high producer in the 20,000 lb. range. Their milk is sold to Farmer's Cooperative in Hazelton.

Kenneth breeds with Sire Power's good, but not top bulls. He feels care given his animals from heifer up has worked better for him than outstanding sires. Special attention to nutrition and relationship with the animals provides an atmosphere that stays with the cow her lifetime. He strives to provide that atmosphere as free of stress as possible.

Rymans grind their own feed: soy beans, oats, corn and minerals. Good quality alfalfa/timothy hay and corn silage complete the twice a day feeding. The 18-by-60 silo some distance from the barn has an unloader to transfer feed into a wagon for cart reloading in the barn. A DeLaval Surge pipeline milker was included with the farm at time of purchase.

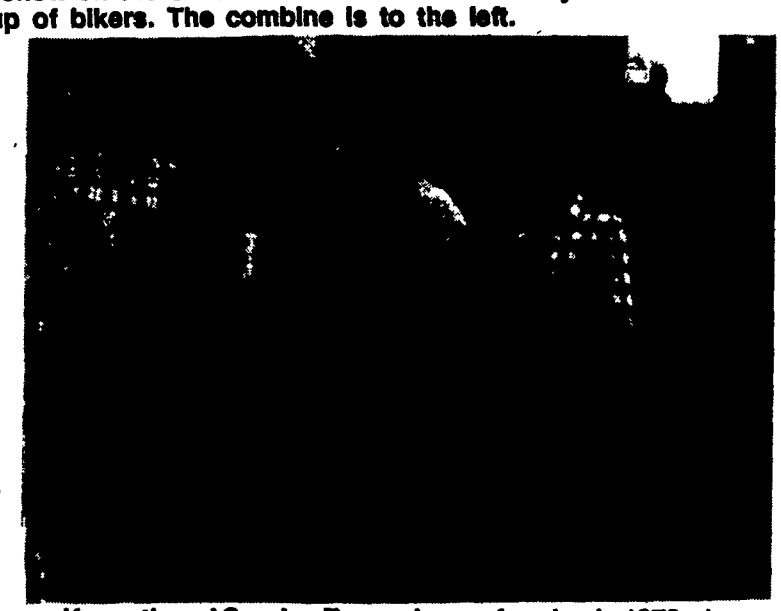
Kenneth has recently changed his water heater in the milk room to gas from electricity and figures he has quicker response and makes a $10 per month saving.

During summer, the milking herd is turned out into an open pasture with free choice chopped green feed. The heifers are pastured.

Kenneth and Kenny Jr. show-off the Suzuki Cavalcade which the Rymans ride when touring with a group of bikers. The combine is to the left.

The dry cow shed opens onto a pasture and heifers are also pastured. The Rymans strive to create a stress-free environment for all the animals on their farm by giving special attention to nutrition and to the animal's comfort. The Rymans believe this keeps their herd health problems to a minimum.

Kenneth Ryman with one of his 20,000 pound producers. The Ryman herd of good grade Holsteins averages nearly a ton a day.



Kenneth and Carolyn Ryman began farming in 1970 when they bought a Nescopeck farm complete with 50 head of Holsteins, a metal barn, an old shed and some farm equipment. Today his crops fill the need of his 100-plus head herd with enough surplus to sell. Pictured are: Frank Spaid, Carla, Kenny Jr., Carolyn, Kelby and Kenneth Ryman.

Kenneth cannot stress enough that the good return he gets from his herd is due to the easy stress-free program he follows. He doesn't push. He allows the animals to eat what and as much as they want. His cows have had little need for professional care. They are well filled out (not fat) with no deep hollows at the hip, a consistently good-looking herd.

His opinion of BST, the proposed hormone to produce more milk, is that science is "playing with Mother Nature" and it certainly does not fit in with his philosophy of good dairy herd managment.

The Rymans cannot praise enough the help their three children are giving them. They both agree they couldn't have accomplished what they have without the kids' help. Carla is 23. Twice a week she attends graduate classes for her master's degree in teaching. She also is a forensic coach for the college. She is in the process of seeking a full time teaching position in math having substituted regularly in many of the Montour and Columbia County schools. She helps her Dad with the milking and feeding.

Kenny Jr., 17, graduated this year from Central Columbia and hopes to pursue Electrical Engineering at Penn State. Presently he does most of the field work.

Kelby, 14, is in ninth grade at Central Columbia. he, along with his mother and a neighborhood friend, Frank Spaide, pitch in wherever they are needed.

Rymans buy only soy beans for their feed program. They don't make a practice of marketing their surplus crops, but rather store the extra for lean years. They also don't buy cows. They make every effort to improve their own stock, then sell the surplus. Kenneth figures his costs can be kept down by avoiding outside purchases.

The only hired help is during the hay harvest.

Some of the farm equipment is old but maintained in good condition like a combine and Kenneth's father's plate corn planter for no till. He does have some new equipment to replace many of the worn implements that came with the farm. Two Ford tractors, a TW15 and a 7610 along with a White 2-85. A square and a round baler and a 4H Harvestor are among a full inventory of equipment to run the business. There is no need for contracting or borrowing.

The equipment is housed in three new sheds. A 50'x60' Quonset steel building replaces the original old shed that burned down several years ago. Two pole sheds, a 46'x64' and a 32'x80' hold the balance of the implements and provides storage for round bales. The square bales are stored overhead in the stable providing easy access.

Several shelters were added to the original barn; one for calves, one for heifers and another for dry cows with access to an adjacent open field.

Kenneth points to his recently established sheds, saying, "And they are debt free."

The Ryman's dairy operation is efficiently run, and neatly maintained. It exemplifies the old saying, "A place for every thing and a thing for every place."

Ryman was raised on a Nescopeck farm in Luzerne County. He thinks back to 1950 when his Dad sold milk at $6.00 to $6.50 per hundred. Today that milk price has barely doubled, but wages, services and supplies have quadrupled. He'd like to know "why?"

For recreation, Kenneth and Carolyn climb on their Suzuki Cavalcade and tour with a group of bikers.

Pasture Management For Optimum Dry Matter Intake

Prepared By Alton Homan
Bradford Co. Extension Agent

This is the third in a series of articles discussing pasture management.

For more information on varieties, establishment and management refer to 1989-90 Agronomy Guide.

COOL-SEASON GRASSES

Cool-season grasses begin growth in mid-March (southeastern Pennsylvania) to mid-April (northern tier). They produce considerable dry matter in the spring season. In summer, growth is depressed by high temperatures and moisture stress. If moisture supply is normal, production will increase slightly in September and early October, and cease by mid-October or mid-November. Most forage grasses produce highest yields on deep, well-drained (not excessively drained) soils. Some species, such as reed canarygrass, are capable of producing moderate to high yields on soils with very poor drainage, while other species do not persist in these soils.

Spring grazing of grasses can be started earlier by applying 50 pounds of nitrogen in March to hasten the spring green-up. *Cows soon to freshen or with calves at side that are grazing frass pastures in early spring should have access to a magnesium containing supplement to help prevent grass tetany.*

Kentucky bluegrass

Bluegrass grazing is palatable and high quality. It is particularly suited for horse pastures. *The grass can tolerate close, continuous grazing but will produce low yields under this management.* It forms tough sods and resists trampling damage. Because of its low productive capacity, bluegrass does not respond well to fertilizer above low rates. The short growth makes harvesting for hay difficult.

Orchardgrass

Orchardgrass will tolerate continuous grazing if the plant is not grazed below 3 to 4 inches. Production and persistence are better under rotational grazing to give the plant three weeks or more between summer grazings for recovery growth. Begin grazing when the plant reaches 4 inches in the spring, and graze the earliest maturing varieties first. The tall growth and good yield potential make moderate fertilization rates feasible; surplus pasture can be harvested for winter hay or silage.

Reed canarygrass

Can tolerate continuous grazing, but yields will be higher under a rotational system that gives three weeks of more of recovery between summer grazings. The growth potential of reed canarygrass pastures justifies moderate fertilizer rates. Harvesting pastures for hay or silage is feasible. New low-alkaloid varieties are more palatable for grazing animals.

Smooth bromegrass

The pasture quality and palatability of smooth brome are good and it is readily accepted by cattle, sheep, and horses. Brome will tolerate moderate continuous grazing but will produce more pasturage under a rotational scheme that allows three or more weeks of recovery. Moderate fertility rates are recommended for bromegrass, and excellent hay or silage can be produced from pastures in surplus growth periods.

Timothy

Forage quality of timothy pasture is high; beef cattle, sheep and horses eat it readily. Rotational grazing (3 weeks or more of recovery) favors timothy production and persistence, but the plant will tolerate moderate continuous grazing. Grazing can be started in spring at 3 to 4 inches of spring growth, but grazing when the flower stems are elongating can cause reductions in the stand. Moderate levels of fertilization are recommended. The tall growth of timothy allows mowing surplus pasture for hay and silage.

Tall fescue

The mature spring and summer growth is not readily consumed by animals, and animal gain will be slow during these parts of the grazing season. This grass is particularly well suited to "fall stockpiling" for early winter grazing. In this practice, animals are removed from fescue pastures from August 1 to August 10, and 70 to 80 pounds of nitrogen per acre are applied. The resulting growth can be grazed in November to January, as snow cover permits. Stockpiled growth is of high quality

(Turn to Page E22)

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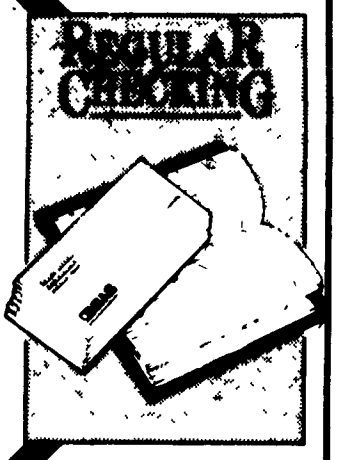

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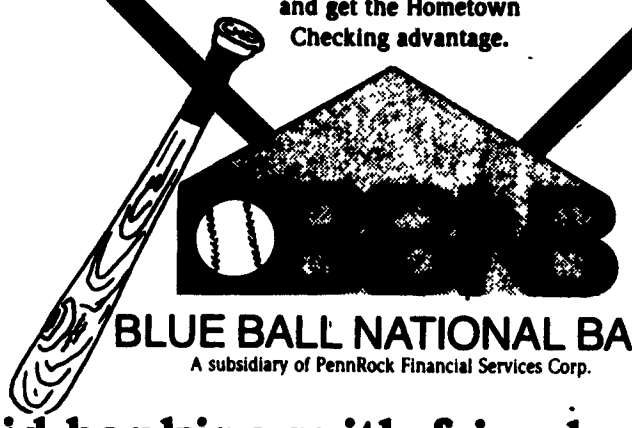

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Pasture Management

(Continued from Page E21)

through December.

Fescue is quite tolerant of continuous grazing but will produce higher yields under rotational grazing. It forms a tough sod, and established pastures will hold up well under intense grazing. Grazing may begin in spring at 3 inches of new growth. Surplus pasture growth may be harvested for hay or silage.

Summer grazing of fescue pasture occasionally leads to a condition known as "fescue syndrome" in which cattle retain their winter coat, breathe rapidly and gain poorly. Moving afflicted cattle to pastures of other forage species will quickly relieve the condition. Intake of fescue by dairy cows is sufficient to contribute to nutrient needs. Horses should not be allowed to graze tall fescue pasture within 2 months of foaling.

Many quality problems of tall fescue are associated with the presence of an endophytic fungus growing in the plants. New varieties of tall fescue with a low level of this fungus are available.

Perennial ryegrass

Pastures of perennial ryegrass are high in quality and animal acceptability. Cattle, sheep and horses all perform well on the forage. *It is an excellent species for use in creep grazing pastures for young animals.* The grass may be grazed continuously but greater pasture yields will result from rotational grazing systems that allow for three weeks or more of regrowth. Pastures may be grazed when spring growth reaches 3 inches in height. Hay yields may be low unless considerable time for accumulation is allowed. Grow this species in mixtures with legumes (alfalfa, red clover, white clover); it may help prevent bloat if grazed with or instead of legumes.

Legumes for pasture

Legume species are important to economical production of pasture. Alfalfa, clovers and birdsfoot trefoil all provide high-quality forage for grazing and do so without nitrogen fertilizer. These plants tend to be deep-rooted and more tolerant than grasses of summer moisture shortages. From these standpoints, legumes are a very important component of productive pasture programs. Legumes in pasture programs call for more careful management than do pure grass stands. *Most legumes do not persist under continuous grazing and must be grazed rotationally.* Pure stands of legumes, except birdsfoot trefoil, tend to cause bloat in cattle and sheep. Fertility (phosphorus and potassium) requirements are slightly higher for legumes than for grasses. Mixtures of legumes and grasses make excellent pasture. But because of competition between grass and legume, managing grass-legume pastures is more complicated than managing pure stands of grasses or legumes. Pasture management practices usually should be designed to favor the legume in the mixture.

Alfalfa

Alfalfa is a highly productive legume suited for harvesting or grazing. *Animal gains are excellent, but care must be exercised to prevent bloat.* Bloat control compounds (e.g., Poloxalene) must be used where pure alfalfa is grazed. The mixture of a palatable grass such as orchardgrass or perennial ryegrass, with alfalfa decreases bloat problems.

Alfalfa can be grazed starting in the late prebud stage in the spring. Alfalfa pastures of grass-alfalfa mixtures must be rotationally grazed. Maximum grazing period for one subdivision pasture should be 10 to 14 days. After a subdivision pasture is grazed down, it should be given about 35 days to recover while other subdivision pastures are being grazed; therefore, three to five pasture subdivisions must be available. Clipping the pastures after grazing is important, particularly in spring when companion grass growth is stemmy. Pure alfalfa pastures are subject to severe trampling damage during prolonged wet periods. Adding grass to the mixture helps reduce this problem. When harvested during periods of grazing surplus, alfalfa and alfalfa/grass pastures will produce excellent quality hay or silage.

Red clover

Red clover forage is high in protein and energy, and animals eat it readily. *Gain rates on red clover are excellent, but bloat can be a problem in pure clover stands.* Palatable grasses in the mixture (timothy, brome, orchardgrass, and perennial ryegrass) decrease the risk of bloat.

Red clover can be grazed at the vegetative stage in spring. Clover/grass mix pastures should be rotationally grazed. Subdivision pastures should be grazed down in 10 to 14 days and then given 28 to 35 days to recover before grazing again. As clover stands begin to thin out during the second or third year, pastures can be managed like pure grass stands. Red clover seedlings are vigorous and can be reseeded in "run-out" pastures to maintain the legume without destroying the sod (see "Pasture establishment"). High-quality hay or silage can be made from clover/grass pastures during periods of pasture surplus.

Birdsfoot trefoil

Forage is of excellent quality and does not cause bloat. Trefoil forage does not decrease rapidly in quality with maturity as do cool-season grasses, alfalfa, and red clover. Because of this, spring growth of trefoil may be "stockpiled" for grazing in late June and July when other pastures are growing slowly.

Trefoil may be grazed starting at the bud stage in spring. For long persistence, trefoil should be rotationally grazed (10 to 14 days or less, followed by 28 to 35 days for recovery). To maintain sufficient stubble for quick regrowth, trefoil pastures should not be grazed under 3 inches. In emergencies, trefoil may be continuously grazed (up to 6 to 8 weeks), as long as 3 to 4 inches of stubble are maintained and time for recovery growth is allowed prior to a killing frost (4 to 5 weeks). Allowing the plants to go to seed (i.e., "stockpiling" spring growth until July 1) every two to three years aids in pastures.

White clover

White clover (common and ladino types) is widely grown in pastures. Its forage quality is excellent; beef cattle, sheep, and horses eat it readily. Bloat can be a problem in pure or predominately white clover stands. Ordinarily there is plenty of grass in the mixture to minimize this problem.

White clover may be grazed continuously or rotationally. White clover may be grazed closely (1 to 2 inches) without serious damage to stands, but closely grazed pastures must be given time to recover. If grazed rotationally with tall-growing grasses, the pastures should be grazed at intervals of 3 weeks or less to prevent the grass from shading out the clover.

WARM-SEASON GRASSES

Perennial warm-season grasses

Switchgrass, big bluestem, caucasian bluestem, and Indiangrass must be rotationally grazed (not shorter than 6 to 12 inches in summer) for persistent productivity. These grasses grow tall and generally cattle will begin grazing them from the top of the canopy down.

Annual warm-season grasses

Sudangrass or sorghum and sudangrass hybrids are ready for grazing about 6 weeks after seeding. These must be grazed rotationally (2 weeks or less at a time) to avoid prussic acid (HCN) poisoning. To prevent animals from grazing large amounts of new growth high in HCN, grazing should not be started on drought-stressed regrowth of these grasses until the stress is relieved. Frosted forage should not be grazed for a week after frosting. These practices also help reduce danger of HCN poisoning.

Brassica crops

Turnips, rape, swedes, and kale are all very high-energy, high-protein annual crops. Strip grazing where forage is rationed daily or

(Turn to Page E27)

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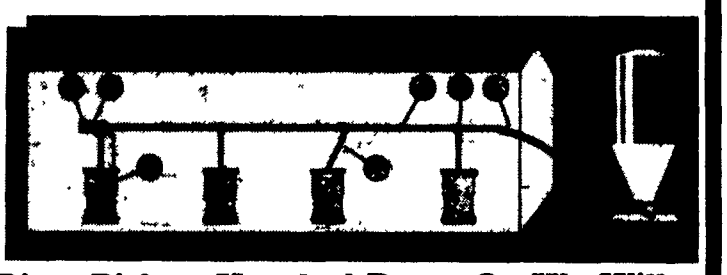

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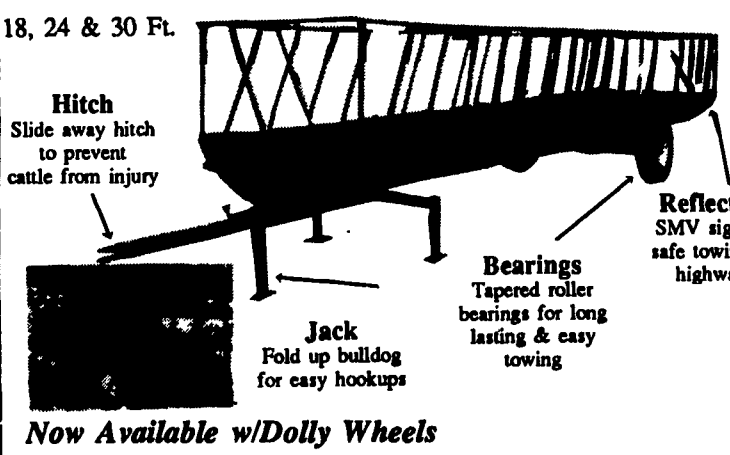
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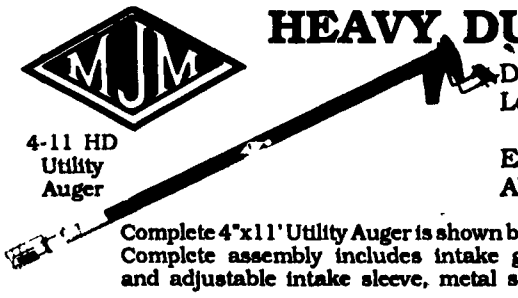

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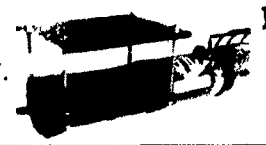

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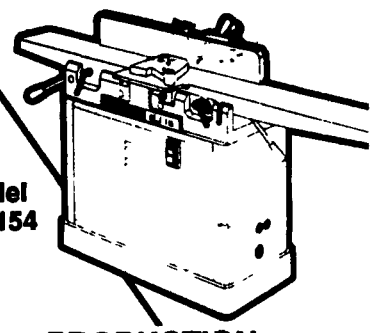

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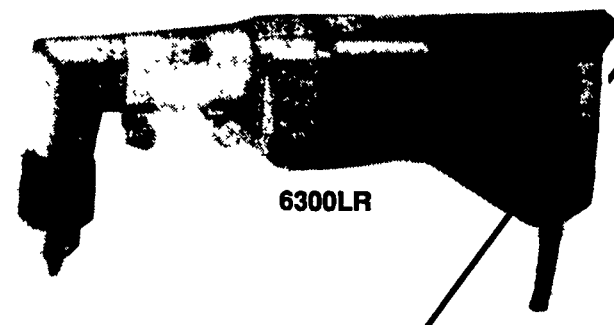

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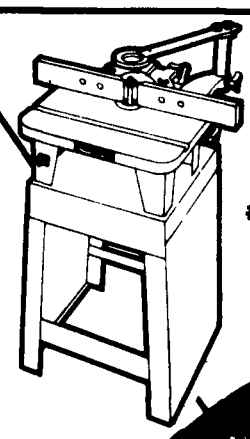

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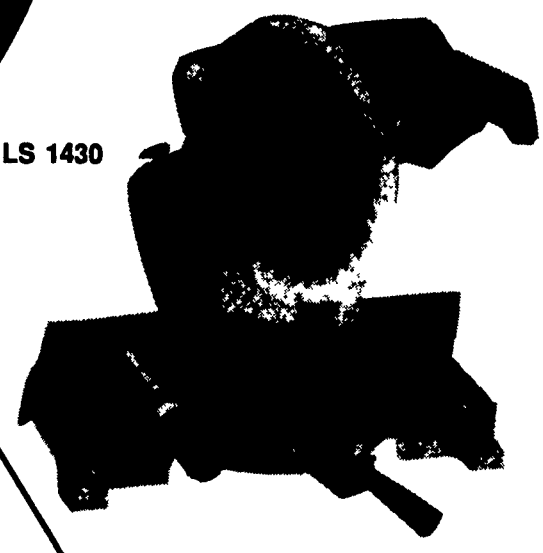

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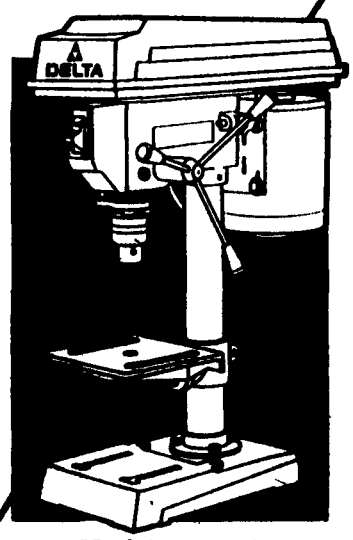

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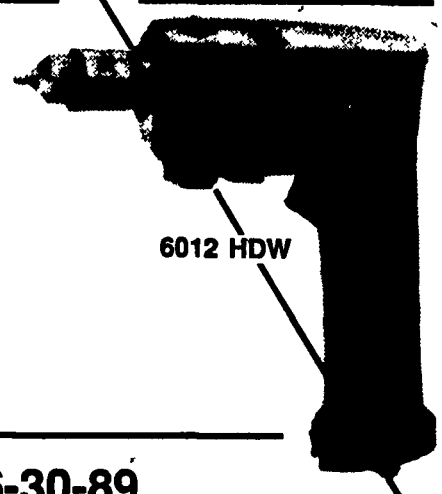

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Largest Dairy Herd In Columbia County Run

BY HELEN KELCHNER
Columbia Co. Correspondent

BERWICK (Columbia Co.) — The Dean and Hazel Robbins Farms of Bloomsburg, are run by Dean Robbins and his four sons, Randy, Boz, Sam and Andy.

The Robbins' Holstein dairy herd of just over 500 head has 270 milking cows, 35 dry and 200 heifers at the present time.

In addition to the distinction of being the largest in Columbia County, this farm has one-of-a-kind creations — resourceful facilities which save time, labor and are cost efficient.

From the barn, which is just short of a football field size, to the heating units designed to burn sawdust, the entire operation is one of skillful and ingenious planning.

Robbins Farms consist of six farms with 500 tillable acres. An additional 500 rented acres make up the total operation within two miles.

Most of the land consists of gentle rolling hills which Dean Robbins has turned to his advantage, especially at the main barn site.

Dean has a reputation for his creative engineering talent which is the result of self-teaching and practice. For instance, the average builder would shy away from a site with a 12-foot slope ending in an abrupt 30-foot drop. But Dean worked these "minor" disadvantages into a classic facility which is a unique show piece.

The T-shaped barn, 360' x 96' and 130' x 60' (built in 1979), is located on the main farm. The sloping terrain was incorporated into the design. The facility has a 12-foot drop from one end to the other, a decline scarcely noticeable to the average person. However, the hill on which it was built lent itself to the ultimate purpose.

The gentle slope encourages the nature of cows to lay with their backs "uphill" in their free stall area. With few exceptions, the cows lay as planned, thus eliminating the possibility of kicking the next cow in the bag or belly. Andy says about 90% of the herd performs as planned.

Another "hill" advantage is seen in an adjoining manure pit which is constructed on the edge of a dropoff. Just a few feet beyond the levee-like sides, the hill makes an abrupt 30-ft. drop. A 30-inch pipe runs through the levee at the bottom of the pit. The open end extends out far enough for easy spreader loading on the road beneath the dropoff. A tractor pulled spreader positioned under the pipe can be filled in three seconds by a pull release activated by the driver without leaving the tractor. The gravity force system has a safety device for mechanical failure.

Dean Robbins' engineering is also evident in two saw dust burners on the premises. He and his sons (who have picked up his talent) designed and constructed these furnaces which heat water for the domestic hot water and the heating system in the house, and the hot water and heating system for the milking parlor.

The furnace for the home is located some distance from the house. A hot water line runs underground into the residence. Advantages to the outside furnace range from fire safety to convenient access to fuel. The elimination of fuel storage, resulting dirt and ash handling within the house also makes the outdoor facility very desirable to Dean's wife, Hazel.

The second furnace located just off the compressor room of the barn heats the milk parlor 55 to 60 degrees in winter. Water temperature reaches 180 degrees for cleanup. A 500-cubic-foot load of sawdust is the fuel consumption for one month and amounts to one trip by truck.

Both these furnaces have been fueled with wood, but the waste product of saw mills and lumber yards is more economical.

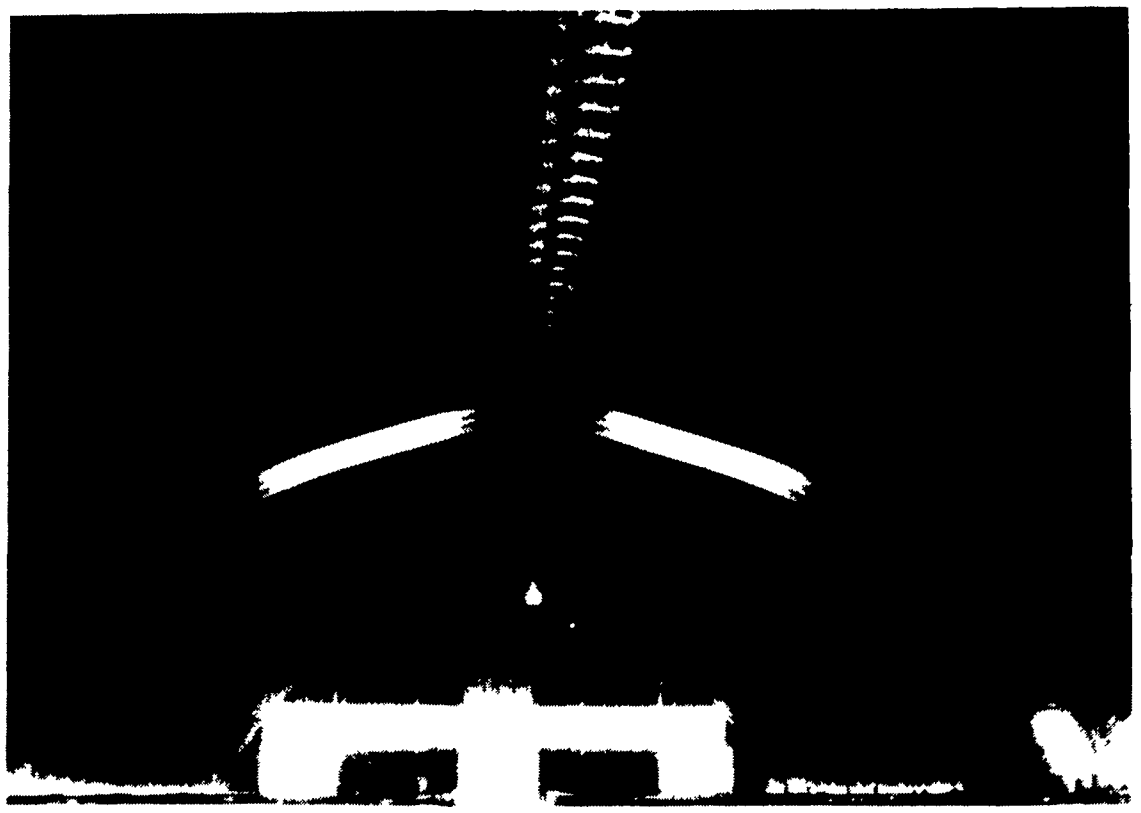
The Robbins' farm complex is made up in part from farms owned by great-grandparents on both sides of Dean's family which dates back to the 1800s. Dean was born on the land as were his four sons and one daughter.

In 1976, a partnership was formed with Dean and three sons: Andy, Randy and Boz. A fourth son, Sam, works for the partnership. The Robbins' daughter, Pam, is a nurse at Geisinger.

Each partner has his specialty. Randy is in charge of crops and the field crew. The acreage per crop runs approximately 450 acres in corn, 350 in alfalfa hay, 100 in timothy, 60 in barley and 40 in oats.

Storage consists of one Harvestore, 25 x 90 feet for high moisture shelled corn. Five large trench silos handle haylage — with construction of a sixth in the planning. The largest trench is 90 x 30 x 12 feet. It is filled 15 to 18 feet deep, tamped down by an Internationnal 340 small dozer. A side-dump wagon run behind the chopper dumps forage into a truck which transports it to the trench. This practice, begun about 1985, eliminates a couple of laborers. The trenches vary in size down to the original which has less than half the storage capacity of the largest.

Andy is the herdsman and handles breeding, feeding and treating. Bloomsburg veterinarian Larry Smith makes weekly herd checks and Sunny Golden nutritionist advises Andy on ration balancing.

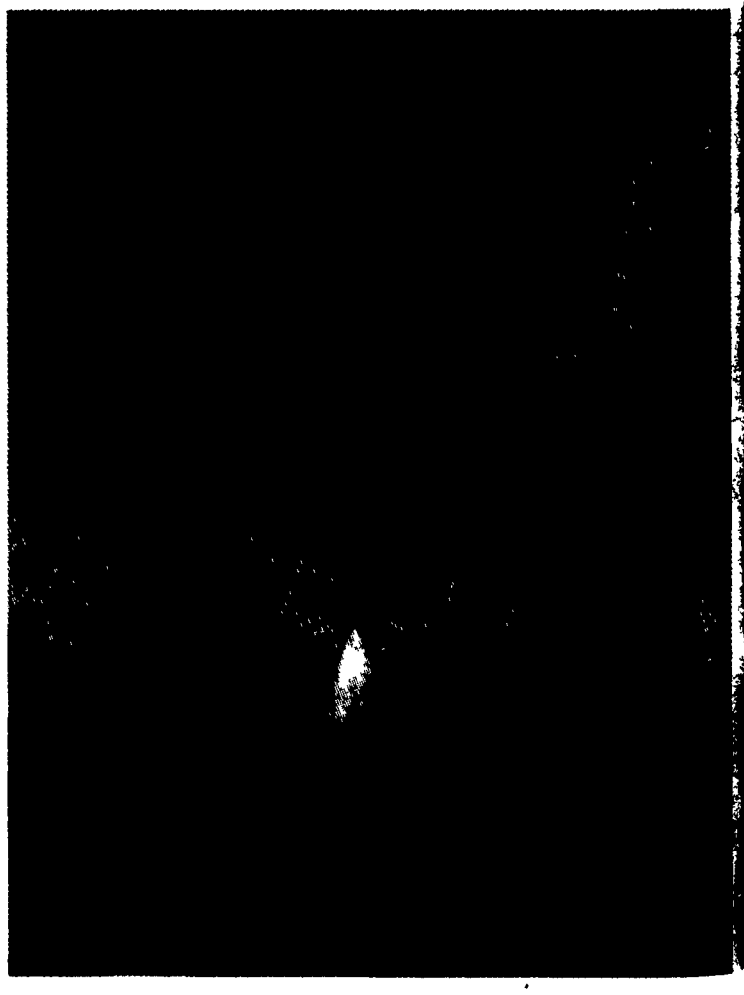


Interior of the 360-foot by 96-foot barn with its 42-foot high cathedral ceiling has a 12-foot drop from one end to the other. It is designed for optimum air flow. Eight foot windows can be dropped open in hot weather to create a chimney effect, drawing the hot air up to the open ceiling.

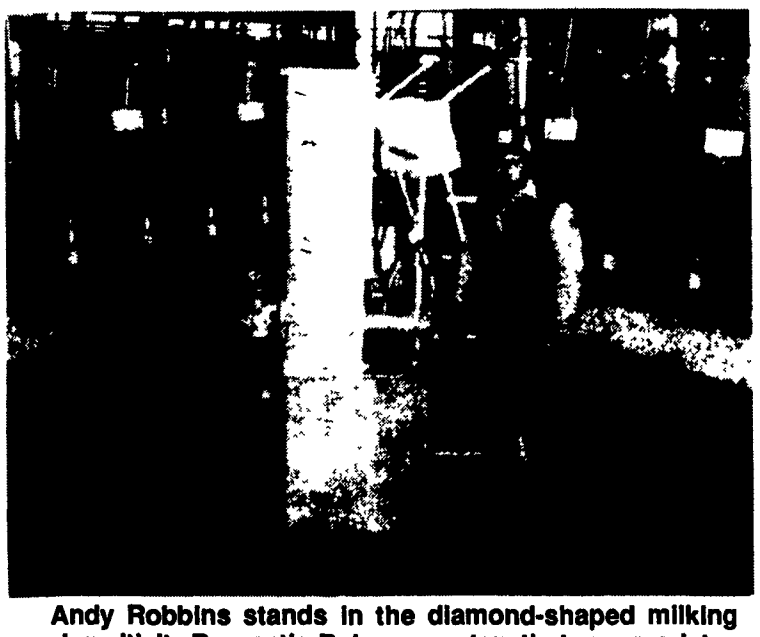
A TMR wagon delivers feed to the herd. The top two groups get fed three times a day and the bottom producers twice a day. The ration is essentially the same of haylage, high moisture corn, silage, corn distillers, buckwheat midds, wet brewers' yeast, grain and minerals with free choice hay. The buckwheat midds have been introduced into the ration recently because it is cost efficient and nourishing.

The 130-by-60-foot extension of the T-shaped barn holds the milking parlor, 4,000-gallon storage tank and holding pen. The milking system is a Bomatic-Polygon. The diamond-shaped facility accommodates 24 head at one time. This system features individual electronic weigh meter and automatic takeoff. It has a hookup for a computer which may be added in the future.

The Robbins take a second to gather together for a quick picture. Pictured: (from left) Andy, Sam, Randy with son Jeff, and Hazel and Dean Robbins.



y Ingenious Robbins Family



Andy Robbins stands in the diamond-shaped milking parlor with its Boumatic-Polygon system that accomodates 24 cows.

Fred Strausser, who has worked for the Robbins since 1963, helps Andy with milking and does the feeding. One other hand is needed and is usually the person which is at free at milking time. It takes two hours to milk the 270-head milking herd. Andy projects a future milking herd of 300 by a gradual buildup of both heifers and purchased stock.

The milking herd consists of 110 first calf heifers. Although Randy is working to increase his herd average of 16,000 with 600 lb. butterfat. The Robbins have several good producers: a 4-year-old has 27,800M with 890F; a seven-year-old is projected at 25,800M with 800F; and three other four-year-olds are at 24,000M or higher and butterfat ranging from 700 to 900 pounds. Milk is sold to Durling Farms. Randy says their milk has been showing a regular low bacteria count. A B S Genetic Mating Service is used for the mostly grade Holstein herd.

The milking parlor has a time saving feature in which a cow or cows that may require treatment or observation are channeled into a catch-pen. This area can accommodate six head and eliminates the singling out and corralling of these animals from among the free-stall herd. A separate enclosure contains fresh cows and those needing veterinarian care. An adjoining drive-in for the vet's vehicle is incorporated into the barn design.

Any improvements that have been made on the farm are designed to save labor. The new barn was planned to handle a greater herd with less help. Andy says probably the greatest labor saver in the whole operation is the continuous automatic alley scraper which dumps into the gravity-fill/gravity-empty manure pit. The 1.5 million -gallon pit has a six-month storage with an expansion in the planning. Just to give an idea of how many loads are in 1.5 million gallons, Andy says 450 loads of 3300 gallons each brings the level down almost to the bottom.

Tammy, Andy's wife, does the bookkeeping. They have just introduced an IBM computer into the business and are in the process of learning and programming. Sire

(Turn to Page E26)

The manure pit showing the levee and the pipe extended out through the levee at the base of the pit. A tractor-pulled spreader can pull up on the road at the bottom of the drop off, position under the pipe and get loaded in three seconds. The gravity flow can be activated from the tractor.

Andy explains the purpose of the sawdust burning furnace which heats the milking parlor and water for clean-up. The furnace was designed and built by Dean Robbins and his sons. Wood has also been used as fuel.

Helen Kelchner — Columbia County Correspondent

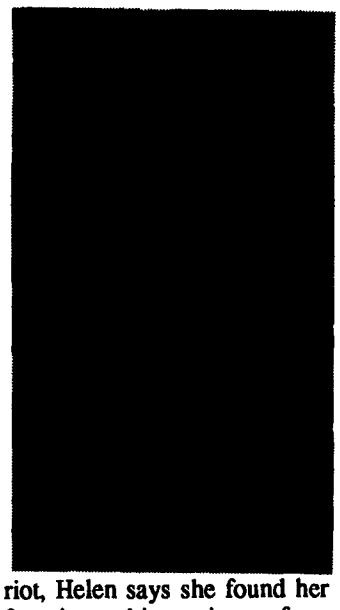
Lancaster Farming's Columbia County correspondent is Helen Kelchner of Berwick.

Helen says her freelance writing and photography grew out of a need to keep busy at "something other than housekeeping." When her four children were through high school she began to take her writing and photography seriously.

Helen was born on a farm in Lewisburg and lived there for 16 years. In 1940 her family moved to Berwick, where she finished school, married and raised a family.

"My husband's business did not lend itself to rural living, so my farming background lay dormant until several years ago," Helen said.

Although her first sales were nature photography and feature stories for the Harrisburg Patriot, Helen says she found her favorite subjects in a farm setting.

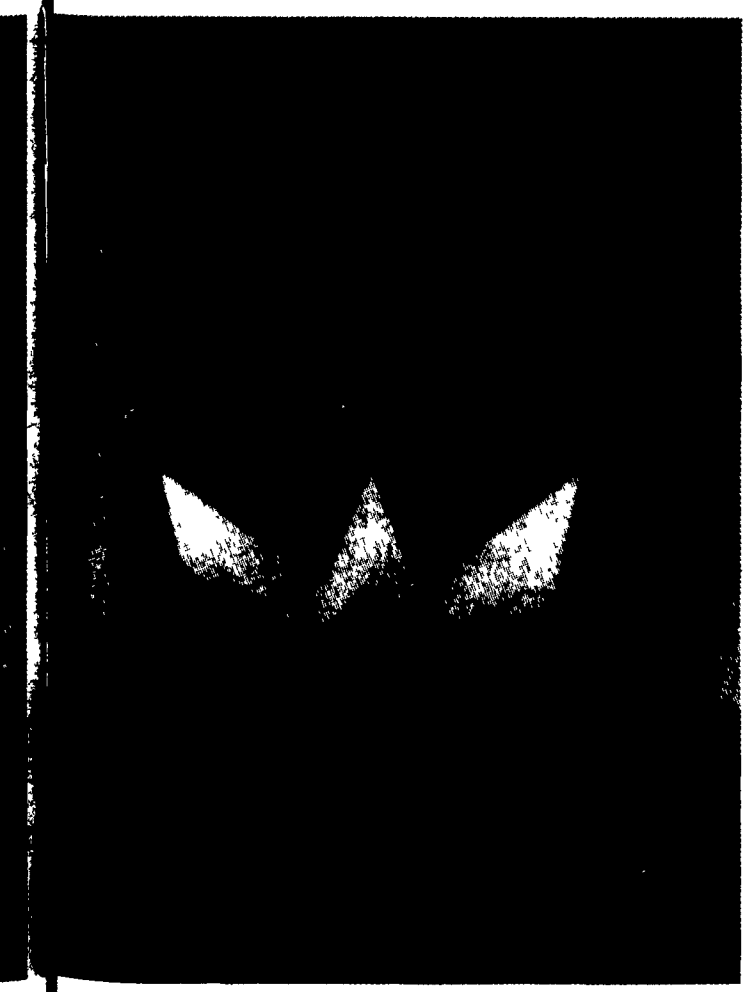


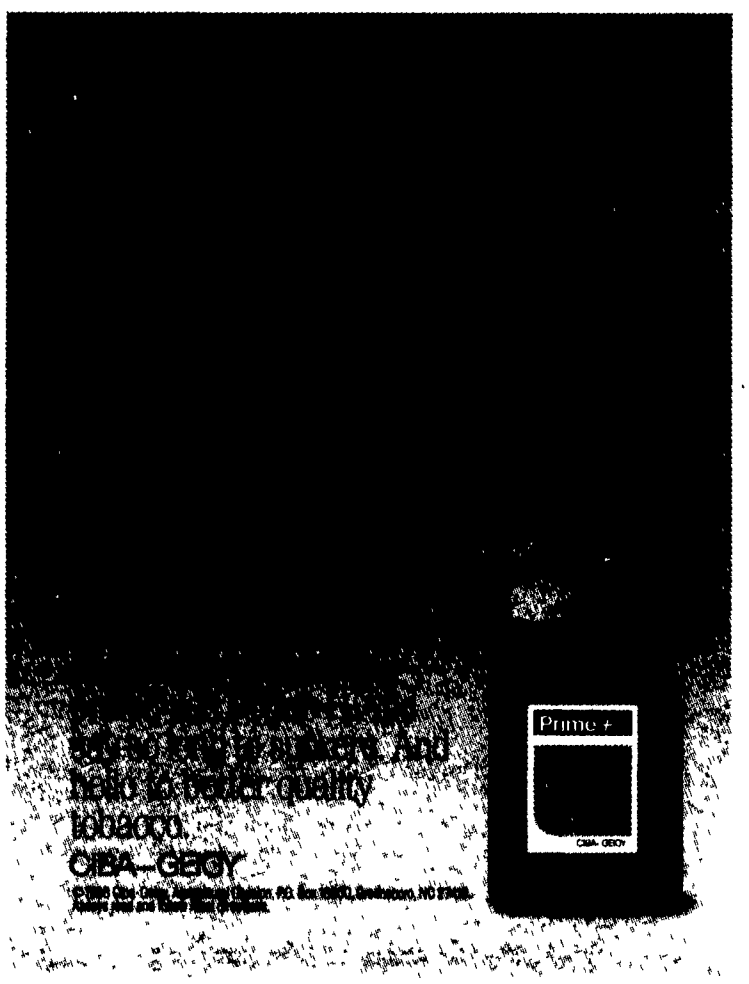
"Having lived in what I call the 'dark ages' of farming, I had much to learn in the computer age where some dairy operations are automated from the silo to the emptying of the manure pit and all points in between," said Helen.

Draft horses are one of Helen's pet subjects, especially the few owners and breeders who continue to use horses as cultivation power.

Helen is 62 years old and plans to continue writing as long as she has a story to write.

Her work has appeared in the Harrisburg Patriot, the Reading Eagle, Baltimore Sun, the Evener, Draft Horse Journal (Iowa), Small Farmers Journal (Oregon), Horse Illustrated, and Dog Illustrated (California), various church publications and local papers in Berwick, Sunbury, Williamsport and Wilkes Barre.





Robbins Family

(Continued from Page E25)

selection is high on the list of computer capability. Boz Robbins is in charge of young heifers and calves. He also works on machine repairs and fence building. Boz primarily works in the fields.

Hazel Robbins says her sons are all good mechanics. That's echoed by Andy. Referring to mechanical breakdowns, he says, "Whoever has it when it breaks down fixes it."

The various farms which have been acquired by the Robbins' family over the years were badly in need of repairs. Most of the barn floors would not support a tractor so the boys are in the process of or have already finished jacking up the buildings to place heavier understructure, remodeling to accommodate cows, replacing roofs or building additions. Lumber is milled for the reconstruction from Robbins farm woodlands.

Beside barn and outbuilding construction, Hazel enjoys finely crafted built-ins in her kitchen, sewing room and an in-house office, all provided by the boys.

Dean Robbins takes care of building maintenance, does most of the general mechanical work and plans new construction. An addition to the manure pit will most likely be his next project.

The T-shaped barn was in the planning and design stage for five years. Farm facilities in New England area, Maryland and Pennsylvania were studied before the final design was laid out. The overall design of the free stall area is for air flow. The foundation is of six-foot poured concrete with two feet underground. At the top of the exposed four feet and just under the roof edge are fold-out windows which are eight feet wide.

In hot weather, the windows drop down and the structural design of the 42-foot high rafters create a chimney effect by pulling the window air up through an open space at the peak of the roof. The roofing is Onduline®. Andy says the barn stays so cool in summer that the herd is reluctant to move out to the exercise pasture on hot days.

The main barn doors open automatically for the feed wagon to pass through. The free stall area is bedded with shavings dispensed by the feed wagon.

Conservation is an integral part of the farm management. Wet lands were tiled more than 15 years ago and strip farming is evident.

Hazel says her five children were all outstanding 4-H'ers with varied interests. Her daughter, Pam, was Columbia County Dairy Princess for two consecutive years, 1977 and 1978.

Pam and husband, Dave Mosteller, live on one of the Robbins' farms. The Mostellers and their two children, Jeremy, 3, and Joshua, 3 months, are not associated with the farm operation besides residing on one of the properties.

The boys also reside on Robbins' farms. Andy and wife Tammy have two children, Jai, 11 and Jason, 9.

Randy and wife Jo Ann have Bobbi Jo, 11, Janice 10 and Jeffrey 8. Boz and Sam are also married and each have a wife named Sandy.

Lancaster Auctioneer Completes Program

LANCASTER — Claude F. Bechtold has successfully completed two courses of the educational program offered by the Certified Auctioneers Education Institute at Indiana University in Bloomington, Ind.

The educational program, offered in cooperation with the National Auctioneers Association and the Indiana University School of Business, is a three-year course of study that leads to the CAI (Certified Auctioneers Institute) designation. The designations are awarded annually during the NAA Convention to candidates who successfully complete the full Institute program and pass examinations at the end of the first-, second-, and third-year courses, allowing them to qualify as members of the Institute.

The Institute program is designed to educate and train practicing auctioneers in ways to improve their performances in the auction business. Included are courses in finance, legal aspects of auctioneering, appraisal, real estate, personal business development, communications and advertising. The faculty includes Indiana University faculty members and nationally recognized auctioneers.

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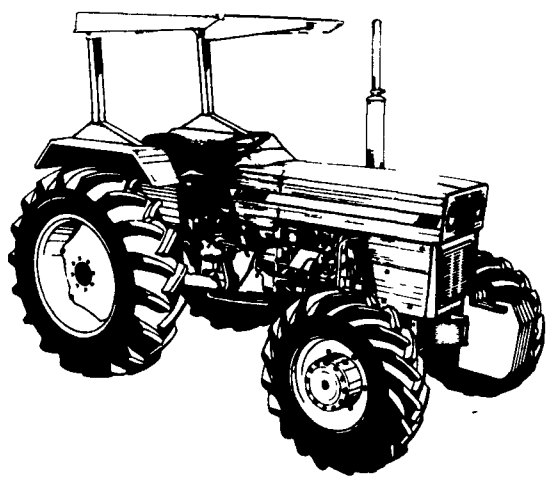

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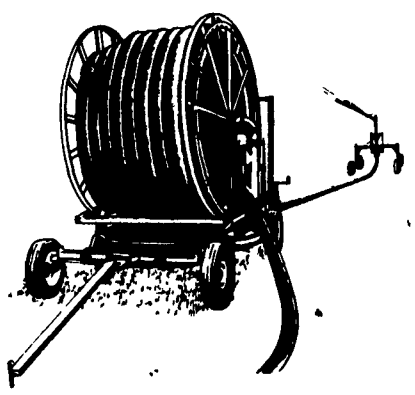

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Milk Market News

By Tom Jurchak
Lackawanna County Agent

SCRANTON (Lackawanna) — The Minnesota-Wisconsin Price Series took its third drop last month when it fell 28 cents to $10.98 for a total loss of $1.29 in three months. Whatever you call it, the decline continued but at a slower rate as we move into the spring flush months. In spite of an increase in the support price. At $10.98 for 3.5 milk it's still 55 cents better than last year but the bad news is a total drop of $1.29 since December. Nothing has changed much in butter and powder prices. Most butter continues selling into governmental stocks of the Commodity Credit Corporation at the support price of $1.32 while powder continues to enjoy increased demand in export markets largely because of European milk marketing quotas on producers. How long this will last is hard to predict but good news travels fast and quotas can be raised as well as lowered but the response takes a lot longer. There's a lesson here for dairy men when the time comes for decision making on the provisions of the next farm bill.

Cheese Dilemma

Since nothing's changed much in butter and powder markets it must have been the cheese that cut your losses in March. Cheese processors and buyers still have a dilemma with juggling the problems of large inventories acquired last year; continuing increases in milk production (in spite of last year's drought that increased feed prices) and facing a five cent increase in the support price of cheese from April to June. Much of the $1.01 drop in the M-W in January and February could be accounted for in the selling off of some of those commercial inventories but this slowed down in March. There really was a little increase in cheese prices that affected the selling by handlers. When the market price went back up close to the new support price, many handlers decided to hang on to what they had. That helped to keep the March drop in the M-W to less than half of what it was in February. By the end of March, block cheese prices were up to $1.19 and the new support price is $1.20 from April to June. There will be further drops in the M-W down to the new support price of $10.83 but that's only 15 cents lower than March. However, present market conditions seem to indicate the M-W won't go below the support price but keep an eye on butter and powder.

Drought Legislation

This 50-cent increase in the support price from $10.33 to $10.83 for 3.5 milk from April to June wasn't part of the 1985 farm bill but came from separate legislation — the Drought Assistance Act of 1988. That Act stopped a 50-cent cut in the support price last January and added this 50-cent increase from April to June. When Congress passed the Act last year they were concerned about increasing feed prices caused by the drought that would cut production and profits. Feed prices went up as expected but so did milk production that will probably result in back-to-back years of record breaking levels. Without this Act the support price now would be $9.83 instead of $10.83 but would it have made a difference in how much milk was produced on the prices received during the last year? Probably not but the new support price will be come the minimum price for three months and then drop 50 cents in July and very likely another 50 cents in January because CCC purchases are high enough to trigger it once again. A lot depends on the weather and we can't legislate that.

Pricing Lesson

For 30 years Congress allowed a range of milk support prices for the USDA so it could adjust them to changing market conditions without going back to Congress. However, since 1984 Congress has set the support price rigidly and the only flexibility left to USDA is determining the CCC purchase prices of butter, powder and cheese to reflect the milk price set by Congress. Depending on market conditions, USDA could "tilt" the purchase prices in favor of cheese or butter and powder. This along with the "make allowance" or margin, which hasn't been changed in 20 years, could influence how much of each product is purchased by CCC and provide the best use of federal funds. This has been done routinely in the past and since 1983 CCC has put most of the decreases on powder because that was the product in greatest surplus in CCC stocks.

Now we have another change in the support price and CCC decides how the 50-cent increase will be divided among the product prices. As you have already know, the powder market has reversed itself last year, with no help from legislation, so there are now no CCC stocks of powder and the market price has been above the support price. On the other hand, butter purchases by CCC since October have been over 200 million pounds and increasing so fast that by spring butter purchases alone will have surpassed the five billion pound milk equivalent to trigger another 50-cent cut in the support price in January. So, CCC has announced that cheese purchase prices will increase from $1.15 to $1.20 a pound to reflect the 50-cent increase in the support price in April. To reflect the 50-cent increase on butter and powder CCC decided to put all of the increase on powder and none on butter. Butter prices stayed at $1.32 and powder prices were increased from 73 to 79 cents. This change would not increase CCC purchases of powder because the market price is already at the new support price but could reduce the cost of surplus butter purchases and keep total costs down.

For the first time Congress took a hand in telling USDA how to set the support prices for dairy products and, while it didn't make any difference this time because CCC already knew what to do, it did set a precedent that could take away the little flexibility left in the program. Perhaps the next time Congress feels impeled to try its hand at produce pricing it may take a closer look at make allowances. Some have viewed this price assignment by USDA to mean dairymen must learn to produce less fat and more of other solids, which certainly may be true, but from the Department's point of view it was mainly an opportunity to do what they've been doing for years — working to reflect market conditions in product prices to make the milk price support program more effective within limits that Congress sets.

Order 2 Prices

Recent drops in the M-W are catching up with the blend prices in Federal Orders and Order 2 showed a drop of 60 cents from February to March. However, the March price of $11.95 also reflected the first producer payment of 20 cents into the Louisville Plan so the market dropped it only 40 cents if that's a help. The 20 cents you'll get back in the fall with interest but it doesn't help you now. However, the Order 2 blend is still 66 cents better than last March and over order premiums should increase it even more. Class prices reflecting the M—W showed drops of 37 cents in Class I and 36 cents in Class II. You also expect lower prices at this time of the year because of larger supplies and lower Class I utilization. Receipts of milk from producers took a real jump in March in Order 2 showing gains of nearly four percent over last year following a similar increase in February. This dropped your Class I utilization from 41.2 percent last March to 39.1 percent this year. Certainly milk can move between Federal Orders in the northeast but it doesn't appear that the drought or higher feed prices have affected milk production in the northeast any more than they have nationally.

If the M-W doesn't go any lower than the new support price from April to June, Class prices in Order 2 will fall only 15 cents more in the next three months. However, you're looking at Louisville Plan payments of 30 cents in April and 40 cents in May and June that can't be avoided. Your blend price should stay well above last year until June but after that it will largely depend on how much milk production continues to increase in the northeast and nationally. Once again the reminder that as farm prices go down, for whatever reason, your over order premiums become increasingly more important, Particularly the premiums you can get through your own organization rather than the ones that are legislated and can disappear as soon as the legislation expires.

Pasture Management

(Continued from Page E22)

every two days is the most efficient means of utilizing brassicas when only one crop will be grazed. Rape and turnips have regrowth capability if animals are removed before grazing below 6 inches for rape and before consuming the growing point at the top of the turnip root. When rotational grazing is practiced, two or more grazings will be possible if rainfall is adequate.

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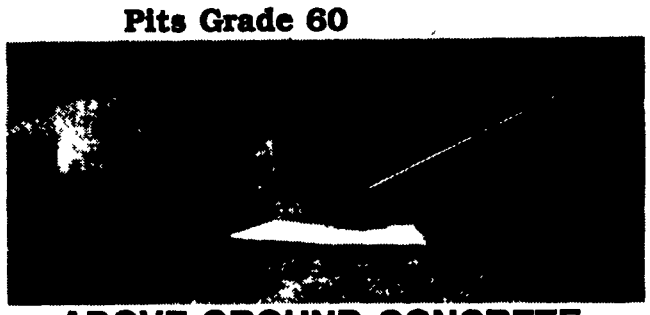

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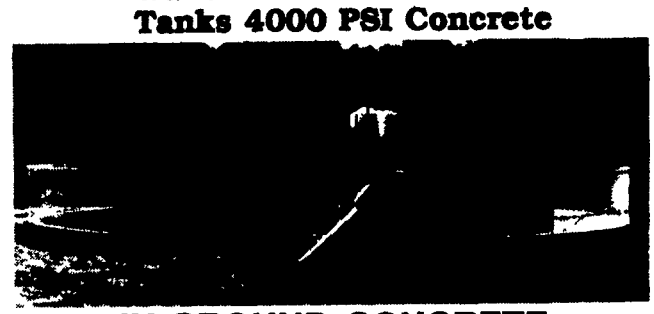

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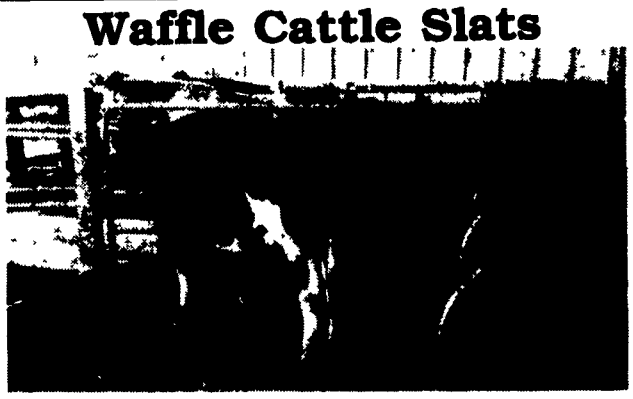

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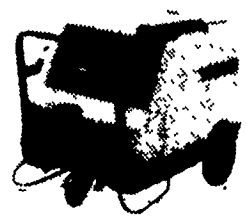

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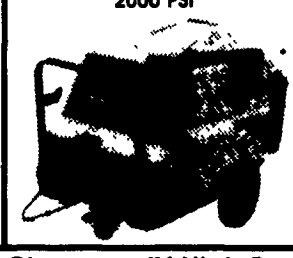

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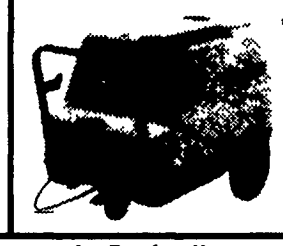

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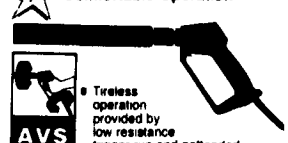

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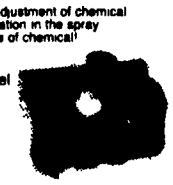

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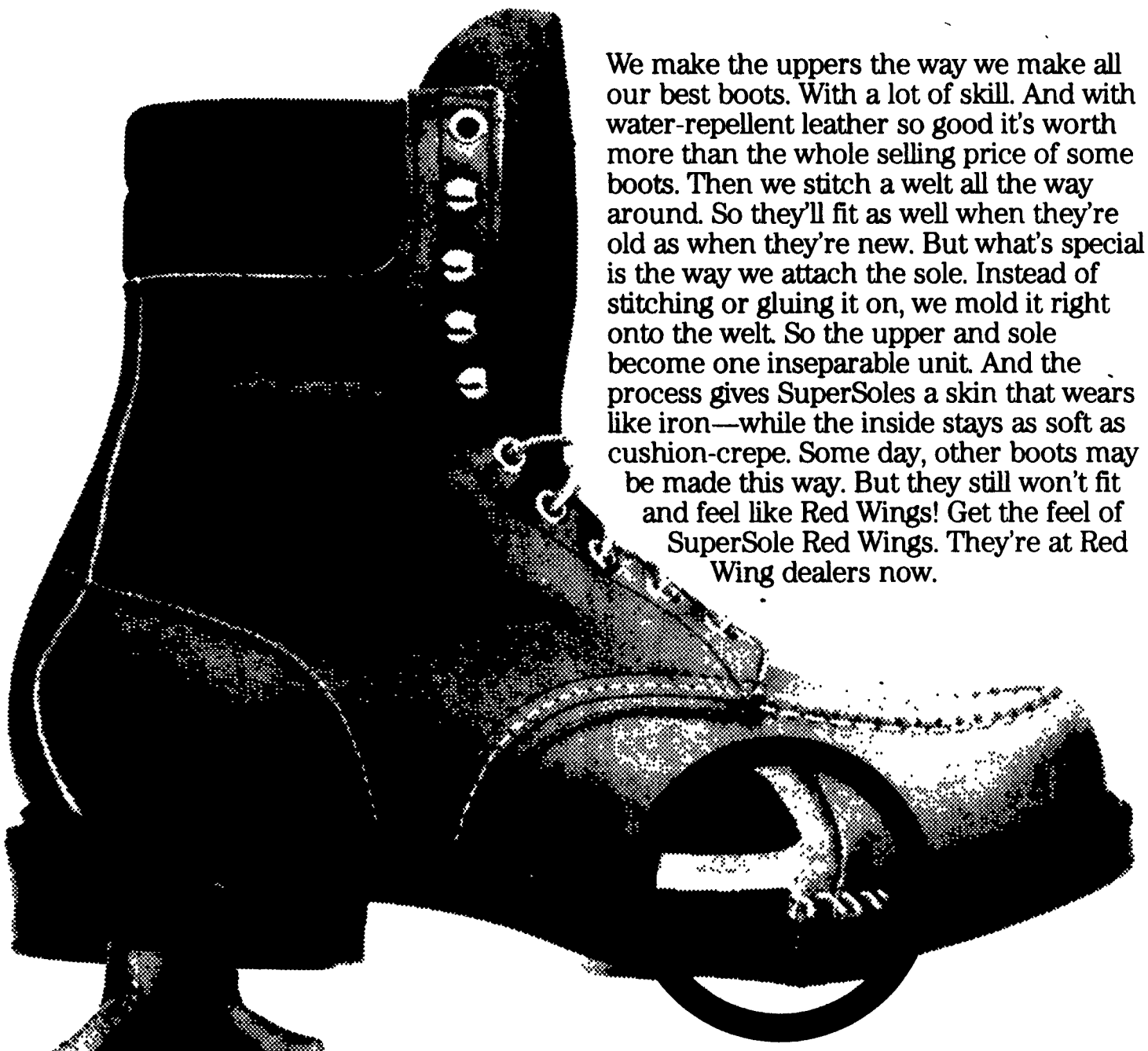

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Hay at the barn, 32' hay and grain elevator, 1½ HP motor $495; JD 38 harvester $1100. Union Co. 717-966-2357.

AC WD tractor, 40HP, good running cond. $450. Had been used to pull haybine. 814-627-5149.

1977 Chev. heavy half pickup w/cab 350-V8, auto., good tires, 67,000 orig. mis. $2395 OBO. Lehigh Co. 215-965-2931.

JD 4520 w/new style motor, 140HP, excellent $8950; Oliver 2255, cab, very nice $7250; JD 2510, gas, very nice $3950. Clearfield Co Days 814-583-5332, nights 814-583-7633.

1984 Bronco AT, PS, running boards, AM/FM, less than 10,000 miles since overhaul, also 1977 Ford pickup. Lanc. Co 717-354-4996.

New Holland hay head, good condition $400. Lanc Co. 215-445-5734

Lane portable fan with engine, good condition $550, old junk tin bent, rusty, free wheels for tractor $40. Lanc. Co 717-354-4987

Carriage horse ready for trips. Jesse Esh, 88 Conestoga Ck. Rd., #1, Narvon, PA 17555.

NH 469 haybine, field ready $500. Bucks Co 215-538-7917

IH self propelled haybine, Ford rear 3PT manure loader, 3 pt. rear mtd. dirt scoop, bale elevator. Franklin Co. 717-532-6509.

IH 56, 4R planter, dry fert. $600. Yates Co., New York. 717-554-3106.

1988 timothy hay, no rain, good color, 34# average, $1.10 per bale. Perry Co. 717-789-3892.

JD 5 section harrow $125; 10 front end wghts. IH $400; 8' double cultipacker $75. Somerset Co. 814-267-4460.

Massy Harris 82 combine; Gleaner E for parts, 12' header, 16.9-36 tires, 12' header, no engine. Make offer. Lebanon 717-865-5930.

JD 450B track loader, asking $13,000; 1973 GMC dump truck, single axle, 33,500 GVW, asking $11,000 Columbia 717-925-2168

Yorkshire boar pig, 3 months old, Ontario drill, 12 hoe for parts York Co. 717-292-6275.

Used Haban 5' side mtd mower fits Power King tractor, good condition Perry Co Call weekdays 8-5, 717-789-3117

543 White notill conventional corn planter, excellent condition, ready for field York Co 717-292-2245.

Cat 933 track loader, good cond., excel. farm tractor 2 rolls barb wire & fence puller. After 7PM, 717-993-3350 York Co.

1250 gal poly vert tank w/ valve, new 2 yrs Used water $200. Enos Miller, White Oak Rd, Paradise, PA 17562. Lanc. Co

Two 456 NH mower knives and JD side delivery rake Elam M Beiler, 51 Esbenshade Rd., Ronks, PA 17572. Lanc. Co.

4 yr. old standardbred buggy horse, safe, sound $600. John B Stoltzfus, 60 Hill Rd., Kirkwood, PA 17536 Lanc Co

Heavy duty utility barn 12x20. Can deliver. Lanc. Co Weekdays 7AM to 8PM, 717-442-8317.

Oliver 77 dsl./cultivator, extra engine $1250; JD B w/front cultivator $1500, AC B, wide front cultivator & plow $1250 Dauphin 717-362-357[illegible]

Approx. 6000 gallons acrylic enamals, about ½ white primer, many colors $10 gal. Price negotiable. D.R. Jones, RR1, Box 3985, Greenwich, OH 44837.

1972 Olds Cutlas Supreme, 1969 Chevy pickup farm truck. Both in good mech. condition $500 each OBO. York Co 717-632-0542 after 8PM.

Black Suffolk cross ram lamb. Last one $55 Lanc. 717-626-2919

Davis backhoe 6', skid steer or 3PT $1800; Farmall Cub w/cultivators $1000; Int. 6' field mower $600. 215-358-0725.

1941 Chevy 2DR for parts, make offer. Bucks Co. 215-723-7249.

410 Massey Ferguson combine hole or parts. Chester Co. 215-932-3352.

469 and 479 NH haybine. Chester Co. 215-932-3352.

518 NH spreader for parts, header and web 3 yrs old; Gehl 95 grinder mixer. Chester Co. 215-932-3352

1950, 8N Ford w/2 btm. plow and tire chains. All in excellent cond. $3000. 717-367-8533. Lanc. Co.

469 NH haybine, good cond. $900. Leb. Co. 717-867-4192.

Goodyear tires 9R-17.5, six brand new tires with open center rims. Lanc. Co. Eves. 717-872-5520.

IHC harvester grass and 2R corn heads, new knives, Model 555 $675. Kept inside. Perry Co. 717-567-6183.

1939 Buick 4DR, runs, best for parts $385. 933 Cat hood sides $25. 717-545-2086 eves.

Mixed alfalfa and brome grass, 60, 40 mix first cutting $80/ton. Carlisle, Cumberland Co. 717-249-4629.

Approx. 1200 bu. oats $2.40/bu. Centre Co. Between 8AM & 10PM, 814-364-1661.

NH Super 68 engine baler, working order on steel $450. Samuel J. Allgyer, RD3, Box 584, Mill Hall, PA 17751. Clinton Co.

JD 1010 track loader, 4 cyl., dsl., good cond. $5500; JD plow 3 bottom 3PTH. York Co. After 7PM, 717-993-3350.

Lancaster 20x70 stave silo with pipe distributor & unloader. Silo is dismanteled and on pilets. Somerset Co. 814-267-5248.

Four wood stove, large new chunk $150 older smaller chunk $50 new barrell stove kit $15. Franklin $15. York Co. 717-862-3478.

Dairy goat, grade lamancha, good milking lines $75. Perry Co. 717-834-4267.

3PH-55 gallon sprayer, good pump, hoses, booms and nozzles. $125. Adams Co. 717-624-8197.

15KW rotary phase converter run 3 phase motors on 220V single phase $600. Berks. Anyday. Between 12:00-2:00, 215-367-7210.

Two 5 yr. old sorrel work horses, ½ brothers, shod all round ride also $1700. Can deliver. Salem Co. 609-769-0673.

Chihuahuas two AKC females, one male, ages 1, 3, 7, also west Highland white Terrier. Age 3. 215-445-4144.

Landscape rake (sometimes called stone rake) 6', 3PH, new, never used. Cost $425. Sacrafice $300. Carroll Co. 301-262-9037.

Hydraulic hose end crimping machine with motor pump 1/4", 3/8", 1/2" and 3/4" dies. Schuylkill Co. 717-875-2195.

Patz silo unloader, 12' or 14', 500 gal. C.P. milk tank w/compressor. York Co. Before 7AM, 717-225-3706.

Class III trailer hitches only $99; 12000 lb. capacity, lifetime warranty, fits Ford, Chev., Dodge trucks. Glicks H.T.S. 717-656-7027. Lanc. Co.

Zimmerman air-o-matic fans, 36", wall mount, good cond. Can be used for dairy, hog or poultry. Reasonable. Dauphin Co. 717-252-1182 after 6PM.

Half Percheron mare, ride, drives and works. Also registered Percheron stud. Franklin Co. 814-259-3287.

2 bottom trailer plow $35; JD H cults. $50; JD 2R corn planter $50; JD B tractor, open front for parts or restore $300. 717-529-6068.

Meat band saw, butcher boy Model B-16, commercial duty, non-sliding table 1½ HP 110/220. Bucks Co. 215-847-2276.

IH 153 4R cultivator, 3PT, like new $1000. Chester Co. 215-323-5617.

NH baler Model 66 with 2 cycle Wisconsin engine, works well. Berks Co. 215-779-9089.

MF 560 round baler, good cond. Built by Vermeer, same as 605C $3800. Indiana Co 412-459-9205 or 412-459-8833.

Two McCormick Model MF drills, one good cond., one parts $350. Northampton Co. 215-863-4534, 215-863-4840.

1970 Ford ¾ ton pickup, heavy duty wheels & springs, 5SP trans., body rust, good for farm truck $250 OBO. 215-966-3910.

JD 290 corn planter, pull type, A or B #200 cultivators with side dresses, 13 hoe grain drill. 301-398-1325.

3PT 2B plow; B-275 tractor w/loader; 8x16 steel truck body; trailer axles and tires. Berks Co. 215-488-6862.

5 Colonies bees, 2 deeps. 717-394-5113.

1986 Honda 200X three wheeler. Very good tires and condition. Leb. Co. $800 OBO. 717-274-5146 eves.

1987 Ford pickup F250, PS, PB, air, automatic, dual tanks, 24,000 miles $9250. 717-865-3602.

Brinley tandem disc for garden tractor $100; Datsun diesel starter $50; tires Good Year Wrangler 225/75R16 new $400. York Co. 717-938-6656.

Two ram lambs from set of triplets. Registered suffolks. Large framed. Kitchen table six swivel chairs. Perry Co. 717-589-3724.

6"x6"x15' creassoted pole barn posts $20 each, creasoted electric fence stakes .40 each, NI self unloader wagon. Franklin Co. 717-597-4494.

Newly capecod house, barn, carridge shop, 6 acre. Clarion Co. Near Fryburg. $1850. Mose Troyer, RD1, Mt. Pleasant Mills, PA 17853.

JD 45 combine, 10' platform $1000; Oliver and New Idea rakes for parts. Both on rubber. 717-469-2651.

Int. #47 baler with thrower, extras $950. We used it til end of 1988 hay season. Berks Co. 717-933-4721.

Quarter horse, 10 yr., western, broke, good trail horse $700 OBO; mix hay $1.50 bale. Cumb. Co. 717-732-2626 or 732-2615.

White truck, 5 trans., 2 rear, 1000x20 tires, 33,000 GVW, good cond. Franklin Co. 717-264-8581.

Allis Chalmers B tractor with C cultivator. Lanc. Co. 717-464-2398.

JD 2-14", 4-16" 3PTH plows, Woods BR1510 round bale mover, 4440 engine and front tires, storage. York. Eves. 717-266-5558.

IHC 2R cultivators, fits H or F20 $50; steel land roller, needs tongue $50. Berks Co. 215-286-9682.

MF baler #3, needs work or for parts $75. 215-588-0198.

Farmall Cub with 60" belly mower, also wheel weights, runs fine. Asking $3200. Pike Co. 717-588-6350 eves.

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JD 30 PTO combine. Juniata Co. 717-694-3934 after 6PM.

Purebred Charolais bulls w/or w/o papers, polled, ages 6 months to 18 months. Sire High Rise. Schuylkill Co. 717-943-2920.

New Idea #5 corn picker for parts. Make an offer. Chester Co. 215-942-3210.

Used Badger barn cleaner with 15' chute and 150' of chain, chain is 2 yrs. old $950. 717-866-4388.

7' #9 Mc pull type mower $85, Mc 2B pull type plow on rubber $45. Adams Co. 717-528-4566.

2 cylinder Lombardini dsl. with speed clutch $1500. Joseph E. Fisher, 341 Furnace Rd., Qville, PA 17566. Lanc. Co.

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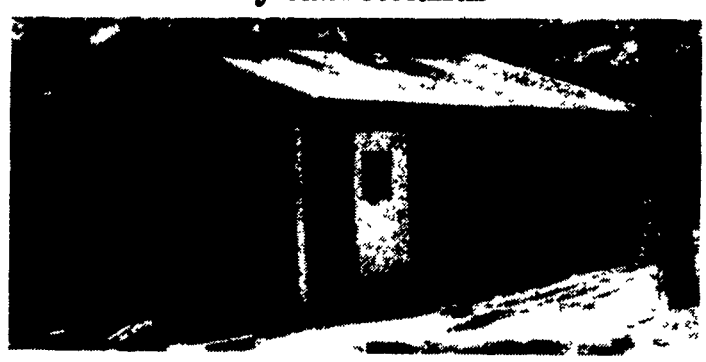
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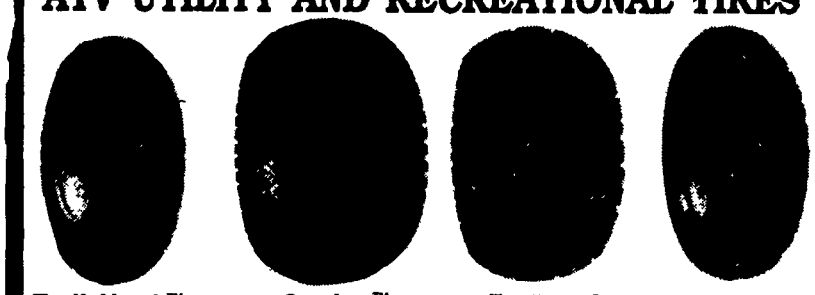
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Knobby	25x12.00-9	$52.00
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Trail Pro	22x11.00-10	$51.75
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JD Series 30 combine, motor driven Hershey 2 row cabbage planter plow wood crates bushel ½ bus. baskets 63 Int. 5 ton dump truck, 63 Chev. step van dual wheels, steel body. Schyl. Co. 717-874-1206.

Registered Dorset ewes with lambs (ewes) at side third ewe exposed champion windswept ram ramsted dorsets. Berks Co. 215-367-7189.

#47 Int. baler with kicker with extras $950. Berks Co. 717-933-4721.

Burr stone mill wooden cogs $325, Leer fiberglass truck cap fits small pickup $275; Sears 5HP shredder $150. Franklin Co. 717-597-3480.

300' to 400' used Badger barn cleaner chain, also 1985 Monte Carlo, low miles, black, 4.3 eng., auto. trans. A1. Perry. 717-438-3205.

Reg. border collie puppies, 7 wks. old. Comes from working stock. Shots, wormed and health cert. $100. Andover, NY. 607-478-8307.

801 Ford dsl. live PTO, dual hydraulic, new engine and clutch. Garrett Co., MD. 301-334-4303.

White dogwood seedlings in pots, good lining-out size $49 per 100. Lit'l Farm Nursery, Monmouth Co., NJ. 609-758-8207.

NI 802, 4WD, 868 harvester, 874 4RN, 876 pickup, 838 husker, 844 4RN, $47,000 OBO. Huntingdon Co. 814-447-3713.

Farmall H, VG cond., good paint, good rubber, $1200; Case 200 baler, good cond. $450. Berks Co. 717-933-5232 after 4:30.

Patz 98B, silo unloader, used little, good condition. Make Offer. Eves. 717-656-2128.

NI tob. planter $350; also 310 NH baler on steel w/ motor, ex. cond. $3500. David S. Fisher, 865 Martinville Rd., Pequea, PA. Lanc. Co.

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12 year old saddlebred gelding. Traffic safe. Anybody can drive. Amos M. Stoltzfus, 2457 Stumptown Rd., Bird-in-Hand, PA 17505. Lanc. Co.

IH 1086 tractor, factory cab, air heat, dual hydraulic, very good cond. Lanc. 717-653-4649.

Ford 8N excellent condition, new paint $2700. Lanc. Co. 215-267-3276.

NH 402 crimper, NH 455 mower, IH PTO corn binder, excellent condition. Elam S. Beiler, 12 South Ronks Road, Ronks, PA 17572. Lanc. Co.

22' used tin good condition, 10' tin, also good Dumang Station 80' hose $75, 7.5KW alternator, 1 yr. old. Cumberland Co. 717-532-3984.

Iron wheeled hay rake (works) $50 OBO; JD H manure spreader, good cond. $300; 8x10' range hose, exc. cond. $60; 10x12' good $30. Montour Co. 717-275-2199.

Hyd. end gate off 519 or 520 NH manure spreader $275 OBO, 8' pull type JD disk $100. Queen Annes Co. 301-556-6116.

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2 bulk 275 gal. feed bins; 2 weathervane mineral feeders; 1 protecta pickup truck tool box, new $100. Chester Co. 215-857-2497.

1982 Buick LeSabre, like new. Small V8 engine, 30,000 miles, garage kept $6000. Bedford Co. 814-652-6586.

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MF 135 with power steering, multi power, new rear tires in good cond. Columbia Co. 717-799-5240.

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Good double pony work harness $295; pony cart restored and harness $160; pony hitch wagon. Lebanon Co. 717-272-6819.

Penna. thresher, built in 1900, exc. cond. $400, 14" Papec ensilage cutter, like new $300. Orange Co. 914-726-4180.

532 Ford baler, used very little in super shape. York Co. 717-432-3529 or 432-9704.

1989 Ford E350, cube van, 16', 2000 miles, fully loaded. Must sell. 717-464-0755.

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36 stall 1½" glass pipeline 3" PVC vacuum line, automatic washer, Surge Alamo vacuum pump $1800 OBO. 215-285-2414.

NH 770 chopper with open end hay pickup 1R corn head, nice. Warren Co., NJ. 201-362-6027.

AKC Airedale puppies, shots, wormed, 6 weeks old $150. Lanc. Co. 717-285-4293.

Mesh potato bags, hold 50-100 lbs. $20 per 100 bags. Discount for larger orders. Fred. Co., MD. 301-293-3679.

Ford 9N tractors. Ferguson #30 tractor $1000. As is. Gilson 16HP riding tractor. 3PT rotary mower, cultivator, dirt scoop. Mixed timothy hay. 215-791-0186.

Fisher field sprayer, like new $1400. Lanc. Co. 717-656-2016.

Registered border collie pups, 1 female, 5 males. (Akron). 717-859-2694. Lanc. Co.

AV tractor high back wheels touch control belly mower C-H S-H plow front back cul. 609-769-2313.

Kitchen cabinets in good condition to be removed A.S.A.P. Lanc. Co. 717-687-6538.

Woods 3PT mowers, M5 5' New $700, C80 80" good used $750, RM90 90" good used $1200. Bucks Co. 215-297-8354.

275 oil tanks $50, locust posts 50 cents foot, new 2" Ridgid plastic pipe 40 cents foot, pump w/3HP 3 phase $50. 215-921-3810.

3200 gal. liquid manure tank w/injectors $900, JD 38 hay head $500, IH 990 haybine $600, IH mixer wagon $100. 215-682-7632. Berks.

25A John Deere 3PT sprayer for parts $15, 6-18 hole, rollaway chicken nests $10. Lanc. Co. 717-354-8878.

John Deere 346 baler, heavy duty, wide head, like new condition. Perry Co. 717-789-3365.

12 Big Dutchmen rollaway nests each $8 total 12 $60. 3 rows 15 hole. 717-569-1580.

Case self-propelled combine for parts V8 engine does run. Make offer. 200 gal. plastic tank $50. Lanc. Co. 717-687-6321.

Massey Ferguson 35 good condition, with or without IH loader, also Farmall H recently overhauled. Lanc. Co 717-653-4009.

Oliver 770 NF 90% rubber, excellent cond. field ready or for collector $2300. Chester Co. 215-458-8255 after 6PM.

Case 234, 18HP compact tractor, 195 hours, 3PT, 540 PTO rear hydraulics. Lanc. Co. 717-872-1996.

Case cultivators, IH 2B tractor plow, 12' spring harrow, 8' pickup topper 36", w/insert for camping $350. 717-345-4882.

MF 165 gas tractor fresh engine, new paint, new front tires, 50% plus rear tires. Bucks Co. 215-766-8557.

8" grinder, air powered, portable with table stand, foot control valve, VG-Ex. cond. $150. Warren Co. 201-689-3332.

Homegrown potatoes. Christ L. Petersheim, Reinecker Rd., Airville, PA 17302. York Co.

Registered Morgan horse mare, chestnut, broke, 4 yrs. old. Sam L. Stoltzfus Jr., 1140 Brunnerville Rd., Lititz, PA 17543.

Dry locust post $2.50 each; firewood $75 a cord. Christ D. Beiler, 74 Iva Rd., Paradise, PA 17562. Lanc. Co.

2R cultivator, 2R Hershey cabbage planter, 12' Int. harrow, JD 30 combine. Must sell immediately. Schuyl. Co. 717-889-3633.

Ford tractor Model 1210, 17HP, hydrostatic drive, 3 cyl. compact dsl., 48" mid mower, 54" hyd. front snow blade, PTO & 3PTH. Excel. cond. Delco. 215-358-5839.

Approximately 100 tons ear corn, at farm $125. Lebanon Co. 717-949-6817.

Int. 403 combine, gas, cab, 429 WN corn head, 13' grain head, good condition. Franklin Co. 717-762-8571.

Grove self-unloading wagon parts. Cumberland Co. 717-532-2535.

AKC Sheltie pups (miniature collies), sable and white, good bloodlines, ready 6/24 with shots and worming. Lanc. Co. 717-548-4144.

Two nanny goats and four baby goats. Lanc. Co. 215-445-5797.

Silage wagon Grove $500; Gehl $650. Lanc. Co. 717-354-8529.

Arabian gelding spirited four yr. old green broke, good disposition, very pretty $550. Must sell. Adams Co. 717-624-8206.

MF Super 92 combine Cub Cadet w/36" rotary mower. All in good cond. Cap for pickup. 717-285-5813.

JD 2020 dsl. parts: under tractor exhaust system, starter, head, injection pump, alternator, front engine cover. Lanc. Co. 717-354-9967.

15' grain head for M2 Gleaner combine, late model, like new. York Co. 717-244-3760.

Horse drawn corn planter, Ford lawn mower with snow blower and mini lop bunnies. Adams Co. 717-334-7060.

Ford NAA w/loader, potato plow, 2B JD plow 2R cult $3,000 OBO. Farmall C, runsn well, NF $900. Lanc. 717-285-5248.

AC D17 Series 3 gas tractor, good rubber, ready to go. Howard Co. After 6PM, 301-829-0693.

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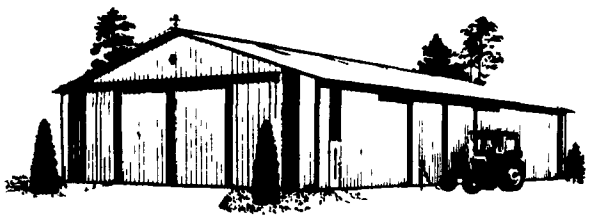
JUNE DAIRY MONTH SPECIAL



1-42'x14'x60'
1 - 21'x14' Double End Door
1 - 22'6"x13' Double Side Door
1 - 3'x6'x8" Plain Aluminum Walk Door
4 - 3'x6'5" Sky-Lites
1'0" Overhead Sides (Vented) and Ends
Full Length Vent-A-Ridge
Plastisol Roof Steel
Protective Wall Liner
Gutters & Downspouts

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Additional 15' Lengths
$2,800 Each

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1 - 22'6"x14' Double Side Door
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6 - 3'x6'5" Sky-Lites
1'0" Overhead Sides (Vented) and Ends
Full Length Vent-A-Ridge
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MAILBOX MARKET FOR SALE

2R tobacco hoers used on Farmall C tractor $45; Gehl 880 haybine 9' $575. Lanc. Co. 717-653-5980.

15KW Owans generator, good condition. Lanc. Co. 717-354-9760.

2R pull type Holland semi automatic transplanter, excellent condition. $475. Lanc. Co. 717-786-3566.

Cherry lumber full inch. Fence post. Harvey Hoover, Union Grove Rd., Terre Hill, PA 17581. First farm East Main St.

300 gal. field sprayer, 3PTH, including sidedressing; large gravity bin wagons. Make offer. 717-776-5279.

Year old Lancaster silo portaable fan, like new w/new engine. Lanc. Co. Benuel Fisher, 141A Queen Road, Gordonville, PA 17529.

JD #5 sickler bar mower, 7' cut, good condition $200. Northampton Co. 215-868-8238.

Slant bar feed trough on wheels 4'x21' $415. Montg. Co. 215-754-7012.

1982 Buick LaSabre, 30,000 miles, small V8 engine, like new. Garage kept. Excellent gas mileage. $6,000. Bedford Co. 814-652-6586.

Hostettler built grain bed and hoist 14' length 4' high $600. Centre. 814-364-1119.

IHC 720 harvester, 2R 30" head, pickup head, never used, electric controlls, IHC #56 blower 20x60, Madison silo, all VG. Warren Co. 201-689-3897.

JD 2 cyl. tractors, 830D, 730D, Std., JD Hi-crops, A, 40, 430, 60, 4A $2000-$4250. 717-597-4296, 717-597-3364.

Datsun 1965 pickup and 1949 Crosley. Make offer. Dauphin Co. 717-944-3049.

Cat. 951 loader, AC HD7 dozer. Best offer. Please call after 6PM, 717-692-3665. Dauphin Co.

1 pr. 15x28 rear tractor rims. Will fit IH 574 and other makes and models. Like new. $75 pr. Union Co. 717-966-3762.

AKC Registered Siberian Husky puppies, 1 red, 3 black & white females, champion bloodlines. Leb. Co. 717-866-7463.

4-53 Detroit diesel engine and 5SP trans. Runs well. Can hear run. $1200. Dauphin Co. 717-939-5583.

Surge tub mounted pipeline washer $75. Lanc. Co. 717-367-2747.

300 IH running condition, fast hitch, hydraulic $700; Children's Express wagons, wooden beds, racks, air tires $140 + tax. Berks Co. 215-683-6628.

Blue front parrot $425, Conure $100, sulfer crested cockatoo $550, partially tame, starting to talk, AKC cocker puppies, females. Berks Co. 215-926-4086.

New 9x18x8 steel bale wagon, exten. tongue, front, rear, left, right unload. Extra wide track 8 ton gear $1575. Berks. 215-944-9276.

10 wk. turkeys, 5 wk. silkies, 11 wk. heavy pullets & Leghorns, Barbadoes & Mulifflin sheep, Muscovy & Mallard ducklings. Mute swans (pr.) 717-244-0624.

One pair of mute white swans. Leid, R3, Ephrata, PA 17522. 215-445-6548.

8HP Wisconsin engine in very good condition, 10HP Bamford dsl. w/starter. Ira Stoltzfus Sr., 326 Spring Garden Rd., Kinzer, PA 17535.

Landscape soil pulverizer 60" $300; Brinley 48" tandem disc and 12" plow $75 each. Cat. #0 or #1. Lancaster 717-627-2864.

Hay baler, IH Model 46, excel. cond., field ready $385 or will accept best offer. Cumb. Co. 717-532-6676 or 301-997-8319.

Dried roses, pink or white $9 dozen (long stem) $7.50 doz. short. Norma Phelps, Box 109A, Shenandoah Jct., WV 25442.

Stalls, gates, feeders and grates for double four Herringbone milking parlor $1800. Carroll Co. 301-262-9037 anytime.

AC Model G w/cultivators, excellent condition $1500. Flemington, NJ. 201-782-3391.

Nubian goat kids for sale. Registered, shots. Pet buck castrated or potential show doe or milker. Chester Co. 215-486-0658.

Two 345 cu. 78 IHC heads. Franklin Co. 717-263-4475.

NH 479 haybine $1800; 12KW Katolight PTO generator on trailer $500; Starline 14' silo unloader $500. Lanc. Co. 215-286-5638.

IN Cub $1800 also for $1200 and AV $1250. Camden Co., NJ. 609-662-8134.

JD 3-14" plows 3PTH $300; Reg. Dorset ram lambs, twins or triplets, Brungess bloodlines $150. Luzerne Co. After 7PM, 717-388-2341.

3 purebred Duroc boars $250 each, 15 ton feed bin, excellent cond. $900. Lanc. Co. 215-593-2836.

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AC hay rake snap coupler hookup $250; JD 2R cultivators, 3PT $125. Cumb. Co. 717-766-6758.

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OMC haybine haymaster $975, NI 323 like new picked 250A, $2475, cattle racks for 8' pickup very good, $100, 6½ x8' trailer $85, JD 567 wheel rake like new has front cyl., $885. 717-354-0266.

JD grass pick up attachment vg. cond., NH 516 manure spreader for parts, farm hand wheel rake wagon w/16' bed, 717-665-4743.

22x36 Frick all steel threshing machine $350, Gehl silo filler/up and down pipes, $150. John L. Ritter Jr., 1520 York Rd., Carlisle, Pa. 17013, Cumber. Co. 717-258-6158.

9' dump truck box w/cyl. $375, heavy duty single axle trailer $275, 717-648-1862 after 8 p.m. or before 7 a.m.

20x30 & 20x60 white roof harvestore structures w/ unloaders, no reasonable offer refused, Lanc. Co. 215-445-6453.

JD 12' spring harrow vg. cond., 3 HP water pump like new, Lanc. Co. 717-733-4516.

D2 Cat w/power take-off, $1700, Kohler elect. plant 110 volt $275, David Bradley small manure spreader, $300, Lanc. Co. 717-626-5678.

Large loads of topsoil, tanbark, mush room soil & saw dust delivered. 717-426-2431.

Ford tractor #1210, 48" mid mower, 54" hyd. front blade, 48" rear loader, 3 cyl. 17HP dsl., turf tires, 3PTH & PTO, 600 hrs., excel. cond. Delco. 215-358-5839.

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700 bales oats straw, 300 bales wheat straw $1.50/bale; wood splitter w/ good elect. start, engine $300. Ben L. Stoltzfus, RD3, Box 218, Mechanicsville, MD 20659

Used Bee Equipment Inverbrook Apiaries, RD2, Box 230, West Grove, Pa 19390. 215-869-3353

MINI LOP RABBITS with papers, $25. Very loveable pets. NZW Rabbits with papers, $10 Cecil Co, Md., 301-885-2134

Sawmill belt feed, 4 head blocks, good condition Saws, Simon 52", like new, (1) 52", (1) 50" 301-293-2973

Outside calf hutches, $80 each. David B Stoltzfus, 57 Grist Rd, Nottingham, PA Take Brown Rd at Little Britain, second road right Lanc. Co.

Rock Oak, 1" to 1\". Also, Cherry and Poplar. After 5 p.m, 717-776-3239.

12 yr. QH, Bay trail horse. 12 yr ll Arab, sharp, endurance, competitive trail horse. Have shots, new shoes. 717-432-8282.

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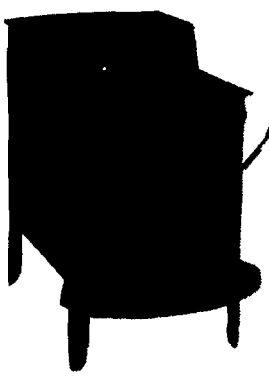

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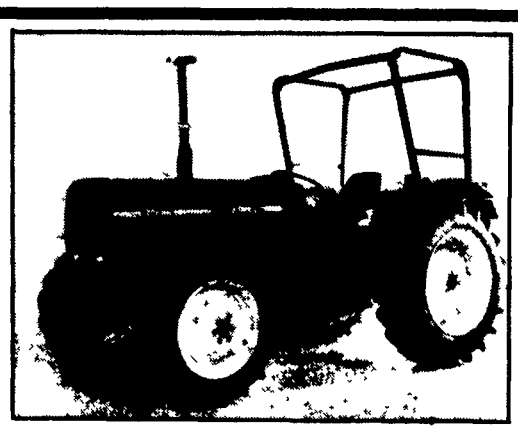

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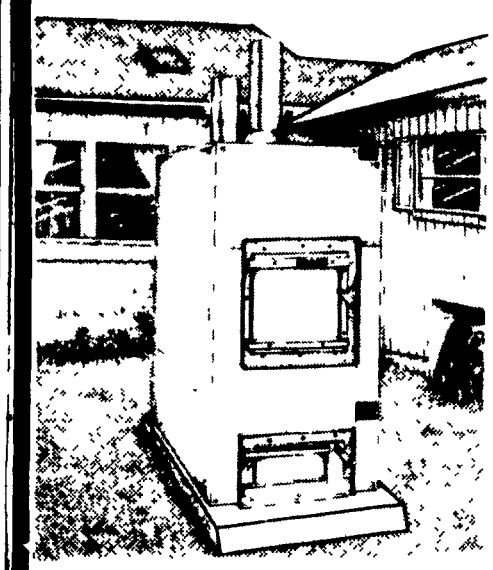

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All purpose carts w/ removable back & dump front, 15 & 8 cu. ft. in stock Elam Ebersol, 558 Gibbons Rd., Bird-In-Hand, Pa. 17505

2-15.5x38 8 ply Safemark tires, good casings (a little tread) best offer Kasten self unloading wagon front end, good chain & slats for posts. Model 2-B Ser no 65-24, good auger, best offer. Lanc Co. 665-2928

Purebred Yorkshire & White Crossbred boars, gilts, bred gilts w/ performance data, local delivery available Cumber Co 717-732-5223

Ford Literature, records & film strips for tractors, cars & trucks, 1950 to 1984 yrs Lebanon Co 717-866-4327

Slate roofs repaired, also general repairs dealer for Fiberdome products, fiberglass feed bins, calf hutches, feed carts, etc 717-687-8069 after 6

MAILBOX MARKET WANTED

Forks for John Deere 240 or 245 manure bucket and hold down U bolts for forks. Lewisburg area, Union Co 717-524-4901.

90 Quaker Maid hanging poultry feeders. Lanc. Co. 717-656-2016.

Carburetor for David Brown 4600 Zenith 34IVN also intake and Grille dry air cleaner housing. 717-286-4124.

3PT 6 bar MF hay rake, good condition. Berks Co. 717-933-4721.

Fuel tank for back of pickup, with or without pump After 8PM. Lanc. Co 717-397-5005.

3/8" screen for NH grinder mixer, 6"x16' auger w/ motor. Must be good shape and reasonable. Lanc. Co. 717-442-9377.

310 Deutz engine, 2 cyl., running condition or parts. I need piston and head. Lanc. Co. 215-445-5647.

Two tractor tires, 10x28 in fair condition. Franklin Co. 717-597-4213.

Want several lotus plants, also need cut white limestone. B. Shoemaker, 100 Schwenk Mill Rd., Perkasie, PA 18944 215-257-7562.

Rigid grain head for 4400 John Deere combine. 412-353-1392.

Good used Honda generator 3500 watt, must be in real good cond Lanc. Co 215-267-2251.

Trail bike, call after 5 p m. 717-933-4828

Camshaft for Model Allis Chalmers UM engine Somerset Co 814-395-3084.

For Ford 8N, one or two 10-28 rear tires David Burk 215-565-4329 after 6PM Del Co

Sweet potato digger, 2 row, John Deere. Must be in good condition. South Jersey 609-696-4953 eves

Bean attachment for 4 row White corn planter to make 15" rows. Lanc. Co. 717-626-5569.

Amish buggy & 2 wheeled horse cart. Send price and cond. Volts, lights. Henry Stoltzfus, 199 Brick Mill Rd., Christiana, PA 17509.

Grain grinder or mill for household use. Lanc. Co. 717-548-2480.

Used kitchen cabinets fitting approx. 9'x11' L-shaped area. Will consider larger set. Wayne Rudolph, Rt. 1, Box 2159, Jonestown, Lebanon Co. 717-865-4932.

An Amish buggy in good cond. with or without brakes. John B. Lapp, 110 E. Reistville Rd., RD 2, Myerstown, PA 17067.

Farmall Cub with A Serial No. of 185,000 to 200,000. Huntingdon Co. PA. 814-448-3333.

Peafowl, all colors; also yellow golden, Amhearst and other fancy pheasants. Mifflin Co. 717-543-5231.

Used school desks. State type price, condition first letter. Lanc. Co. Christian F. Stoltzfus, 788 Strasburg Rd, Paradise, PA 17562.

American Indian rugs, baskets, blankets, private collector looking for older pieces, collecting. Ronald Wiener, 1200 Packard Building, Phila., PA 19102. 215-977-2266.

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JD #6 harvester Elam M Beiler, 51 Esbenshade Rd, Ronks, PA 17572

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Old Maryland milk bottles by serious collector. Cash paid or will trade Call collect after 6 p.m 301-721-0473. Crownsville, Maryland.

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6' or 8' transport disk and 1 row potato digger. Give price and condition Northampton Co. Please leave message. 215-759-6083.

35 to 50HP tractor. Prefer on steel in running condition Ben Beiler, 1033 Kirkwood Pike, Quarryville, PA 17566.

Zook 2 row cultivator. John R. Glick, 183 Stonyhill Rd, Quarryville, PA 17566.

Used 24.5x32 tractor tires NLT 30% tread. 301-778-2372 between 8AM 4PM.

White king pigeons of breeding age. Must be reasonably priced. York Co. 717-938-5385.

24 inch tractor tire and tube. Condition of tread not important but must hold air. Lebanon Co 717-933-5648.

Miniature jennet donkey must be under 35", any age, to excellent home on farm w/other donkeys. Call collect 301-875-0118.

Winross trucks will buy any size collection, send list and prices. Mike Bakalar 27 Kensington Drive, Camp Hill, Pa. 17011. 717-737-4386.

Farmall Super C tractor. 1929 Model "A" Ford coupe or '29 Ford Roadster pickup, must be in good cond. Montg. Co. 215-933-2469

Old loghouses, logsided outbuildings, wide attic flooring, old exterior (6-8) paneled doors, old house salvage, top dollor paid. Chester Co. 215-857-5361.

MAILBOX MARKET NOTICE

AC 170 diesel tractor, 256 NH hay rake, MF baler Model 12, 30 foot hay elevator. Lacka. 717-587-2576.

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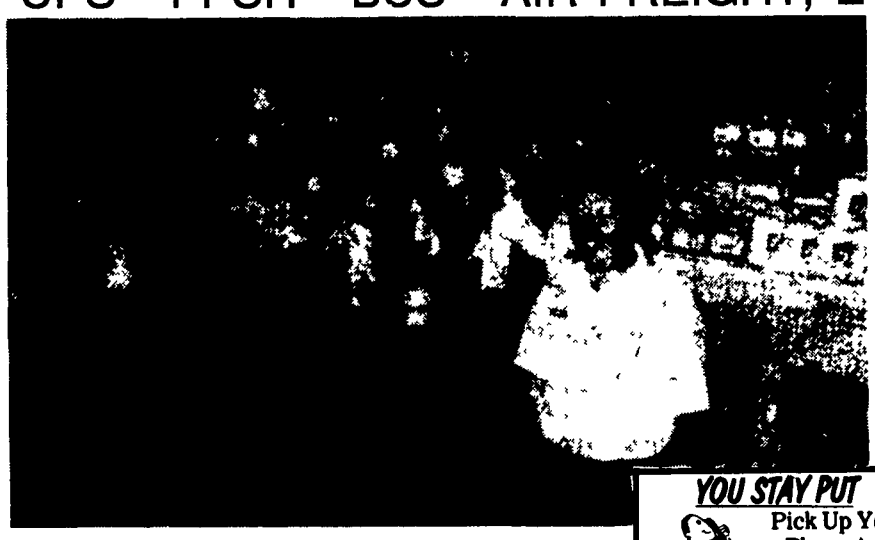

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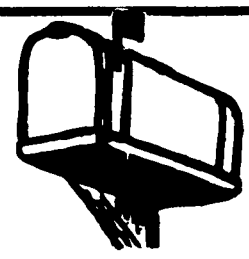

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Sale Reports

HECKMON SALE

A Public Auction of household goods and farm machinery was held May 27 by G.M. and R.D. Heckmon, 885 W. Old York Rd., Carlisle, Pa.

Some prices included: iron bed $300, side-by-side secretary $800, pair of picture frames $170, mantel clock $40, old train set $100, brass bed (needs work) $125, mirror with glided frame $75, Hesston 1090 haybine $950, M.F. 275 tractor with loader $5575 and WD tractor $620.

Kling's Auction Service managed the sale.

WEIGLE SALE

A Public Auction of household goods was held May 24 by Mary Weigle, 4650 Bull Road, Dover, Pa. There was a good turnout for the sale.

Some prices included: paste cups and saucers $300 each, corner cupboard with arched doors $1400, curly maple bedroom suite $400, pottery pieces $50 to $300 each, blanket chest $210 and A.C. 212 tractor $900.

Blaine N. Rentzel was the auctioneer.

FISHER ESTATE SALE

A Public Sale of household goods and antiques was held May 27 for the estate of Mary Fisher, 2 miles southeast of Intercourse, Lancaster Co., Pa.

Some prices received were: extension table $185, wooden kitchen cabinet $700, rockers $75 & $300, modern corner cupboard $190, blanket chests $190 & $275, oak sideboard $140, desk $250, oak library table $100 and plank bottom chairs $47.50 ea.

Steve Petersheim and Steve, Jr. were the auctioneers.

KOSER SALE

A Public Auction of farm machinery and antiques was held May 27 by David and Sara Koser, north of Elizabethtown on Koser Road.

Some prices were: IH 886 tractor $10,400, Ford Golden Jubilee tractor $2200, Farmall H tractor $830, J.D. 336 baler $3200, old woodbox $165 and china closet $240.

The auctioneers were Stan Bucher and J. Everett Kreider.

GENTZLER ESTATE SALE

A Public Auction of primitives and farm equipment was held May 29 for the estate of W. Emerson Gentzler. There were 1500 registered bidders at the sale. The 168 acre farm and bedroom furniture, china, glassware, coins and jewelry will be sold June 17th.

Some prices included: wooden bucket bench $1000, Mission oak sofa $2550, cast iron kettle $72.50, egg crate $14, wooden wash tub $55, tin candle holders $30 to $40 each, copper kettle $110, pair of cast book ends $300, picture painted on canvas $2100, candle mold $130, wooden wheelbarrow $150, spinning wheel $225, 5-leg table $275, slant top desk $275, jelly cupboard $250, youth rope bed $550, 2-drawer night stand $260, cane seat chairs $80 each, cane seat rocker $225, oak sideboard $185, marble top stand $250.

Farm machinery prices were: J.D. 1530 tractor $7900, Farmall H tractor $650, L225 Kubota tractor $6300, N.H. 258 rake $1825, 1981 Ford pickup truck $1800 and 2 sleighs $450 & $900.

Blaine and Nevin Rentzel conducted the sale.

KURTZ SALE

A Public Auction of personal property and farm machinery was held May 25 by Robert H. and Beatrice Kurtz, 117 Church Rd., Rothsville, Lanc. Co., Pa. There were 157 registered bidders at the sale.

Some prices were: Ford 600 tractor $2025, Sauder loader $310, 3 pt. wood splitter $260, Lincoln welder $85, potato plow $40, Butler metal building $3300, china closet $225, quilts $160 to $325, Hubley cat doorstop $120, small dog bank $95, Winross trucks $40 to $50, silver dollars $9.50 to $12.50 and Japanese rifle $110.

The auction was conducted by Randal V. Kline, Lloyd Kreider and Roy Good, Jr.

BROWNEWELL SALE

A Public Sale of heifers and farm machinery was held May 27 by Wayne Brownewell, R.D. 3, Carlisle, Pa. on Mt. Zion Road.

The 20 Holstein heifers sold between $360 and $800 and a service age bull brought $630.

Other prices received were: 15 cu. ft. freezer $90, electric Butcher Boy meat saw $425, milk cans $12.50 each, 5 ft. rotary mower $385, bin wagon $510, 3 pt. plows $60, N.I. manure loader $90, J.D. 14T baler $225, N.H. 479 haybine $500, 3 pt. post hole digger $335, rack wagon $400, aluminum elevator $130, Int. 544 tractor $4800, and old A.C. combine $1.

Kevin M. Wickard was the auctioneer.

MERKEY SALE

A Public Auction of antiques and household goods was held May 27 by June A. Merkey on Main Street in the village of Strausstown, Berks Co., Pa.

Some prices included: large woven basket $210, shelf clock $90, 1 drawer primitive stand $640, ivory husking pin $89, brass bucket $80, copper still $70, wood chest $270, blanket chest $90, brass applebutter kettle $250, trundle bed $190, 2 poster beds $180 & $80, coffee grinder $115 and approx. 50 foot carpet runner $425.

Dwight Miller was the auctioneer.

BURKHOLDER SALE

A Public Auction of real estate was held May 27 by Melvin S. and Ellen E. Burkholder, south of Akron on North Farmersville Rd., W. Earl Twp., Lanc. Co., Pa.

The 5 acre country property with a 2½ story brick and frame house, 1 car garage and attached summer house with a walk-in fireplace was sold for $134,500 to Mr. and Mrs. Martin Weaver, Lebanon, Pa.

KNEPP ESTATE SALE

A Public Auction of real estate was held May 27 for the estate of Russell V. Knepp, west of McClure, Jack's Mountain in Decature Twp., Mifflin Co., Pa.

The 182 acres of mountain land with a mountain stream was sold for $81,000.

Kenneth E. Hassinger and Neil A. Courtney were the auctioneers.

COIN CONSIGNMENT SALE

A Coin Sale was held May 24 by the All American Auction Service at the Willow Valley Resort and Motel south of Lancaster, Pa. off Route 222 south.

The outstanding feature of the sale was an 1838 reeded edge half dollar which was sold for $1000.

Other prices of gold coins were: $2.50 1898 $480, $20 1908S $550, $20 1871S $400, $20 1922 $425 and $10 1911 $325.

Darvin Rogers, Jr. and Rodney Frey were the auctioneers.

KURTZ ESTATE SALE

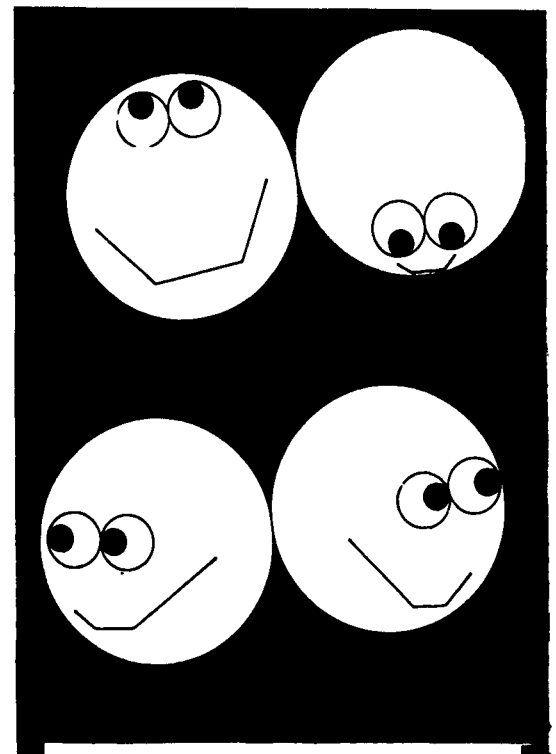
A Public Sale of guns, and antiques was held May 27 for the estate of Esther Kurtz, Hoot Owl Road, Bloserville, Pa. There were 450 registered bidders.

The following prices were received for guns: Winchester M42-410 gauge gun $900, Win. M 12-20 gauge gun $610, Win. M 12-20 gauge $620, Win. M 88-308 caliber gun $430, Win. M 43-218B gun $400, Fox Sterlingworth 12 gauge double barrel gun $360 and 3 Stevens Favorites $100 to $130 each.

Other prices were: J.D. 420 crawler $4110, bear trap $310, oak dresser $330, oak princess dresser $200, Singer sewing machine $140, Victrola $170, 4 cane chairs $440, cane rocker $85, cedar chest $150, 3 pc. maple bedroom suite $220, rope bed $150, cherry rocker $140, jelly cupboard $110, slant lid desk $170, pitcher and bowl set $380, glass churn $60, dinner bell $140, quilts up to $200, doll $105 and 1 home-cured ham $70.

The auctioneers were C. Bricker and Art Rife.

MILK. IT'S FITNESS YOU CAN DRINK.
Middle Atlantic Milk Marketing Assoc



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Now, Check Your Bin Level with
E-Z EYE™
The Faster - Safer Alternative To Climbing Ladders.
- ❑ Installs In Minutes - No Wiring To Mess With.
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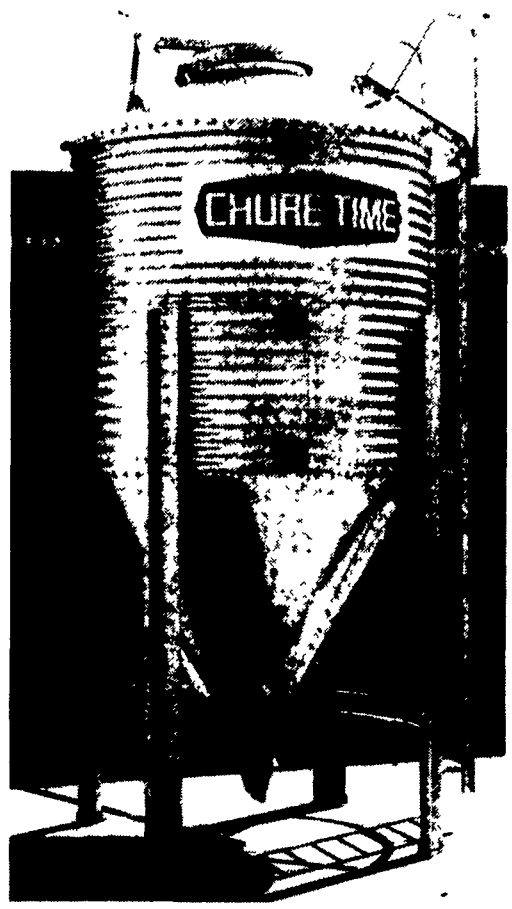

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BEST IN DESIGN, PRICE AND EXPERIENCE
24 Hour Service

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Mon.-Fri.
7:00 to 5:00
Saturday
7:30 to 11:30

Special
DAIRY MONTH
Garden Spot Sale
June 15
— 7:00 P.M.
Willow Street, PA

— An Evening Sale At Fultonway Farm —
75 Registered & Grade Holstein Cows & Bred Heifers
* Ronnybrook Farm, Pine Plains, NY is selling 30 free-stall cows — nearly all fresh or springing.
* Byron Johnson, Lawyersville, NY selling 25 head of young cows and close heifers. A good group from a top NY herd.
* A group of deep-pedigreed bred heifers — many to choose from.

Watch Future Issues For More Details

Add'l. Consignments Being Accepted —
Call 717-367-9236 or 717-898-0983

BACKUS ASSOCIATES, INC.
Sale Managers & Auctioneers
Mexico, NY 315-963-7211
P.O. Box 421 Elizabethtown, PA 17022 717-367-9236
PA Lic. AY-000036-L

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

JUNE

SAT JUNE 3, Village of Frystown, PA, Berks Co , Oak Roll Top Desk, guns, collectibles, much more Dwight D Miller Auct.

SAT JUNE 3 - 8 30AM, Antiques, Household Goods and Farm Equip , west of Dover, PA on Admire Rd , or off Rt 234 (East Berlin Rd), turn north on Big Mount Rd , go to Admire Rd & turn right to sale, Mr and Mrs Ronald Lehr, owners, Blaine & Nevin Rentzel, Aucts

SAT JUNE 3 - 8 30AM, Real Estate, antiques, glassware, china, furn., collection of Revers, oil & canvan paintings, hand painted toleware, located 6 farm Lane, Litita, Warwick Twp , Lanc Co , PA, approx 1 mi north of Lititz on Rt 501, turn right on Farm Lane, house on right, Edwin M & Vera H Weaver, owners, Miller & Seignst Auctioneers

SAT. JUNE 3 - 9AM, Frystown Berks Co., PA. Nice oak roll top desk, guns, tools collectibles, Sale For John Henninger, Dwight D. Miller, Auct.

SAT JUNE 3 - 9AM Real Estate, Antiques, Fine China & Glassware. Located 150 Spruce St., Ephrata, Lanc. Co. Pa. (Corner Lincoln Ave. & Spruce St.). Mamie I. Mentzer, Owner. Horst Aucts.

SAT. JUNE 3 - 9AM Located 2 miles west of McVeytown, Pa., turn N. off Route 22 onto route 305 (Belleville Road), ¼ mile to turn right on Ridge Road. Tractirs, Guns, Household, tools. For Lloyd and Norah Cope. Mark Glick, auct.

SAT. JUNE 3 - 9AM Real Estate, Antiques & Household Goods. Located at 50 Paradise Lane. Take Rt. 30 east of Lancaster approx. 9 miles, turn south at Paradise Bible Fellowship Church into Singer Ave. approx. 2 blocks. (Watch for auction signs). Mary Elizabeth Loney, Owner. Ron Funk, Gordon Ressler, Aucts.

SAT. JUNE 3 - 9AM, Tractor, lawn equip , antiques, shed items, Rt. 1 Jonestown, Lebanon Co., PA from Jonestown proceed north on Rt. 72 to traffic light at Lickdale, right onto Fredericksburg/Lickdale Rd., .2 mi. bear left on Darkes Rd., .6 mi to auction site, Beatrice M Rhoade, owner, Harry H. Bachman, Auct.

SAT JUNE 3 - 9AM, Antiques and Collectibles, gold and other coins, 178 Sweetbnan Rd., Perkasie (Bucks Co), PA, between Kellers Church Rd. and Perry Rds., David & Sylvaia Fermier, owners, Ronald D. Freed, Inc., Aucts.

SAT. JUNE 3 - 9AM, Antiques, glassware & collectibles, to be held at Redding Auction Service located taking Rt 34, ½ mi. North of Gettysburg, PA, bear right at Y (at car wash) & continue 2 mi. on Table Rock Road to auction site, Collection from Alice Dome, C. David Redding, Auct.

SAT., JUNE 3 - 9AM, Antiques, furniture, HH, located from Airport Rd in Hershey go North on Sandbeach Rd. cross over bridge, then turn right onto East Canal St , look for signs, Mr and Mrs Harold Schantz, owners, Fortna's Annville Co & Gallery

SAT JUNE 3 - 9:30AM, Farm Mach , Rt. 539, New Egypt, NJ, Harold "Brother" Goff, owner, Norman Parker, Auct

STRIKE IT RICH!

SELL IT WITH A LANCASTER FARMING CLASSIFIED

PUBLIC AUCTION

George L. Saltzman, Sr. Estate
Lenhartsville, PA

MONDAY, JUNE 5TH
Starting 10 A.M.

ANTIQUES
CARPENTER TOOLS
GARDEN TRACTOR
HOUSEHOLD GOODS - GUNS
QUILTS - AUTOMOBILE

Two Victorian Marble Top Tables - 3 Pc. Living Room Suite - Mahogany Drum Table - Zenith Portable Color TV - Modern Grandfather's Clock - Smoking Stand - Cherry Girl - Fireplace Tools - Mahogany Frame Arm Chair - Mahogany Tilt Top Table - Floor & Table Lamps - Card Table & Chairs - Mahogany Rocker - Victorian Fern Stand - Magazine Rack - 10 Pc. Depression Dining Room Suite - Treadle Sewing Machine - Sewing Stand - German Accordian - Chime Shelf Clock - Mettlach Stein - Painted Oak Dropleaf Table - Four Oak Press Back Chairs - Rocker - GE Refrigerator - Maple Chest of Drawers - Single Hollywood Bed - Youth Bed - Clothes Rack - Slipper Rocker - Gun Cabinet - 3 Pc. Mahogany Bedrooms Suite - Square Oak Lamp Table - Oak Empire Style Lamp Table - Cedar Chest - Bedroom Rocker & Two Chairs - Fancy Oak Dresser w/Mirror - Oak Ladies Wnting Desk - Oak Chest of Drawers - Oak Case Wall Clock - Oak Knock Down Wardrobe - Iron Crib - Baskets - Crocks - Flattop Trunks - Bench - Painted Medicine Cabinet - Wringer Washer & Tubs - Victorian Clothes Tree - Butter Churn - Pr. Enamel Decorated Vases - End of Day Victorian Basket - Nippon Urn - Pr. Bisque Figures - Cut Glass Bowl - Victorian 6 Pc. Water Pitcher Set - Cut Glass Olive Dish - Royal Bayreuth Moose Creamer - Dinner Set - Blue Glass Silver Overlay Console Set - Platedware - Quadruple Plate - Two Late Adams Cups & Saucers - Other Misc. Glassware & China - Alabaster Table Lamp - Jewelry - Pocket Knives - Cookware - Two Wheelbarrows - Two Porch Rockers - Sunshine Beer Clock - Old Dutch Thermometer - Linens - Ticking - Blue Check Linens

1983 Chrysler Sedan - A/C - Power Locks - Cruise - AM-FM Stereo - Cloth Interior

Case Hy-Drive 446 Garden Tractor - Like New Condition - Approximately 1 Year Old

GUNS

S&W 357 Mag. Rev.- S&W 38 Rev - Colt U S. Army Model CF45 Rev.- Model 1920 Baby Hammerless Rev.- Rem. Bolt Model 03-A3 - Kirk 257 Bolt w/ Weaver Scope - Paul Jaeger, Jenkinton, PA W Z 98 Bolt - Win. Model 1912 169A Shotgun - U S Model 1870 Percussion Cap Rifle - W Richards Dbl. Bbl Hammer Shotgun - Rem. Model 12-C 22 Rifle w/ Hexagon Bbl - Daisy 25 Pump Air Rifle - Hand Reloading Tools.

TOOLS

Atlas Lathe - Atlas Vertical Sander - Atlas Moulder & Router - Atlas Jig Saw - Atlas Table Saw - Atlas 6" Jointer - Atlas Drill Press - Delta Band Saw - Gasoline Powered Masonry Saw - Bench Grinder - Stanley No 6 - 55 - 148 - 181 - 605½ Planes - Lot Braces - Lathe Tools - Hand Tools - Squares - Logging Chisel - Broad Ax - C-Clamps - Small Air Compressor - Furniture Clamps - Hahn Power Mower - Kerosene Space Heater - Echo Gasoline Edger - Garden Tools - Trailer.

ORDER OF SALE & APPROXIMATE TIME:
10 A.M.- Glassware, China, Cookware, Etc.
11 A.M.- Quilts, Linens
11:30 A.M.- Guns
12 Noon - Furniture
1 P.M.- Car, Garden Tractor, Trailer, Tools

Property Located on Old Route 22.- Approximately 8 Miles East of Hamburg.

EUGENE C. LAMANNA, ATTY. .
GEORGE L. SALTZMAN, JR., EXECUTOR

Sale Conducted By:
GREEN HILLS AUCTION
Samuel M. Ferraro, Auctioneer AU276-L
Phone 215-856-5000

REFRESHMENTS

ADVANCE NOTICE

Alfred Wade Machinery Auction

Whitney Point, NY

Thursday, June 15, 1989

7 PM

IH 3288, Same 120-4WD, Same 80-4WD, Michigan Loader, 1978 GMC 6000 w/grain body and hoist, 1968 GMC Dump Truck, JD 336 Baler, 20x60 Ribstone concrete stave silo, much much more.

See Next Week For Complete Listing.

Ron Vandeburg
607-692-4849
"Charlie" Manasse, AU 2641
Auctioneer
607-692-3516

Auction

FRIDAY, JUNE 9, 1989
9:30 A.M.
SHENANDOAH ENTERPRISE,
STRASBURG, VIRGINIA
EVERYTHING SELLS REGARDLESS OF PRICE
MACHINE SHOP EQUIPMENT
COMPUTER SYSTEM

DIRECTIONS: St. Rt. 55 (West King Street) at the east end of Strasburg, Virginia, approximately 15 miles south of Winchester, Virginia, and 80 miles west of Washington, D.C.

Having discontinued the machine shop business, the undersigned seller will sell the following at public auction.

MACHINE SHOP ITEMS: Pratt & Whitney Morris mor-speed vertical drill press with 3' beam; Southbend 26"x108" metal lathe with tooling; 36" vertical band saw; Cincinnati Toolmaster milling machine with 10"x48" table with power feed; 12 speed Industrial floor model drill press with ¾ " chuck; Sheldon #3 arbor press on stand; Dake #1 arbor press on stand; Bridgeport milling machine with 9"x42" table with power feed; Clausing 14"x48" metal lathe; 30 ton Industrial hydraulic press; Pexto 52" pneumatic sheet metal shear; Frederick 36" squaring shear 18 ga.; Chicago 8' brake; 6' sheet metal brake; 36" sheet metal brake; 16 ga. slitter with 18" throat; Enco 4' box brake on rollers; 16 ga. lock former edger; Pittsburgh 25 ga. lock former with edger; Doall 6"x18" surface grinder with magnetic grinding base; Miller plasma cutter; Miller Matic 200 wire feed mig welder on dolly; Miller floor model spot welder 220 volt; Duro Dyne portable spot welder; Milwaukee mod. 4230 concrete core drilling machine (new cond); Enco 7" metal cutting band saw; Victor acetylene cutting torches with cart; Century 6" bench grainder with table; DeVilbiss 5 h p. horizontal 2 stage air compressor with 60 gal. tank; Co-Op portable air compressor; 22" bar folder, easy edger; sheet metal layout tables; 24"x80" cast iron work table; Rigid #200 power pipe vise, assorted machine shop tooling.

VEHICLES: 1977 Ford 9000 cab over road tractor, Detroit motor, 13 speed, twin screw, 444 rears, road worthy. 1972 International 1700 series dump truck, 10' bed.

OTHER: Computer System - Compaq disc drive deskpro 286, Amdek monitor video 410 series with 12" data display, Compaq enhanced keyboard, NEC pinwriter model P-7 printer, NEC pinwriter series 4202-4302 bi-directional tractor (bought new 2 yrs. ago); EZ-Max 36"x60" drafting table with metal base; metal double pedestal desks; 2 drawer metal file cabinet; new misc. angle iron & tubing; galvanized down spout pieces; misc. building and plumbing supplies, Toledo counter top scales; box lots.

TERMS: Cash. **Lunch served.**

L.K. MILLER T/A
SHENANDOAH ENTERPRISE
(703) 465-3600

AUCTIONEERS:
R.F. "Tip" Pangle, CAI - Va. Reg. #38
Mark E. Pangle, CAI - Va. Reg. #37

TERMS: Cash. **Lunch served.**

L.K. MILLER T/A
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(703) 465-3600

AUCTIONEERS:
R.F. "Tip" Pangle, CAI - Va. Reg. #38
Mark E. Pangle, CAI - Va. Reg. #37

Certified Virginia Auctioneers
(703) 459-2113

VIRGINIA AUCTIONEERS ASSOCIATION

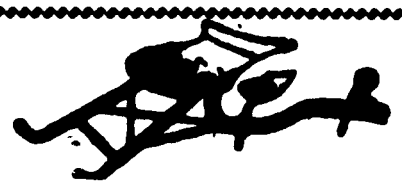
PUBLIC AUCTION

AT RUDNICK'S SALES, ROUTE 213, GALENA, MD.

SATURDAY, JUNE 10th,
AT 9:00 A.M.

Featuring Estates From Wilmington Del. And Eastern Shore Of Maryland To Include: Cherry Dining Room Set, Living Room Furniture, Lamps, Tables, Bedroom Sets, Kitchen Set, Hall Bench, Decorator Furniture, Recliner, Twin Bed Set, 3 Pc. Wrought Iron Porch Set, Desk & Executive Chair, IBM Selectric II And Electronic #50 Typewriters, RCA Video Camera With Portable Battery & Cassette Recorder, Bar And Stools, Tea Cart, 3M Copier #526, Refrigerator And More... China Glass, Silver, Sterling And A Selection Of Oriental Rugs, Plus Jewelry, Etc...

Notice Our Sales Start At
9:00 A.M. And The Next Sale
Will Be June 24th, 1989
HARRY RUDNICK & SONS, INC.
Sales Manager, Auctioneers,
Real Estate Broker
Galena, MD 21635 **Phone: 301-648-5601**



FARMERSVILLE AUCTION

TUES., JUNE 6, 1989
1:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

General Household Goods Auction

See Lancaster Newspaper Sat., June 3 for listing.

Furniture sells at 7:00 P.M.

Receiving Days: Daily 8 am to 5 pm. Closed Saturday and Sunday.

WE SELL ON COMMISSION

Call JOHN J. RUTT
(717) 354-5095

Auctioneer: Larry Rutt
AU-2455-L

PUBLIC AUCTION

FARM EQUIPMENT, CROPS
PRINCESS 12'x70' HOUSETRAILER
HOUSEHOLD GOODS

SAT., JUNE 10, 1989
at 10:00 A.M.

Located 4 mile West of Krumsville, Greenwich Twp., Berks Co., PA. Traveling on old Rt. 22 turn at the Greenwich Township Building, watch for auction signs.

TRACTORS- Farmall 706 gas, Farmall Super M-TA, Farmall H.

EQUIPMENT- M.H. #76 self-propelled combine w/grain head, N.H. #68 Super haylin-er, J.D. #1209 9 ft. mower conditioner, N.I. #402 hay rake, N.I. #449A 4-row corn planter, J.D. 13-hole Van Brunt grain drill, N.H. dump wagon, Smoker gravity bin wagon, 2 flat bed wagons, Harvey 30 ft. bale elevator, Int. #540 4-btm. 16" plow, Int. FM 4-btm. 14" plow, Int. #70 4-btm. 14" plow, Pittsburg 10 ft. transport disc, 8 ft. drag harrow, J.D. 200 weed sprayer, Ford PTO manure spreader, N.I. 2-row mounted corn picker, 2-row cultivator, loader for H, 3-pt. post hole digger, Fender wheel weights, canopy for Ford 8N, cement mixer, grain bin, 7 ft. snow plow, chain saw, large amount of alfalfa & mixed hay, straw & ear corn, Princess 12'x70' housetrailer w/3 BRS, kitchen, LR, 1½ baths.

Sale Order- Small farm items, household goods, crops, large equip.
Terms- Cash or PA check, day of auction.

Auction For:
MICHAEL GEHRINGER
LENARD SUTLIFF

Auctioneer:
Dennis F. Wagner
AU-001427-L
Phone: (215) 562-7445

Refreshments Available

Kenneth Elston
ESTATE AUCTION
RTE. 223, ERIN, N.Y.

We have been commissioned to sell on

SATURDAY, JUNE 10th
@ 10 A.M.

at the farm on Rte. 223 - 1½ miles east of Breesport - 6 miles east of Horseheads, N.Y.

Farm Equipment: Case 770 with loader; Massey Ferg. 180 diesel 3 pt.; Farmall 400 w/ loader; Farmall 460; Farmall "M" parts; Farmall 400 parts; Case "DC"; AC "WD"; IH 241 round baler; Hesston 1014 hydro swing; Gehl Mix-all; gehl CB 600 forage harvester; JD 1240 4 row corn planter; MF 4 bottom 3 pth plow; trailer plow 3X; Gehl S.U. wagon; NH S.U. wagon; AC forage harvestor; Gehl hi throw blower; bale elevator; IH 51 S.U. box; NI spreader; running gears; NH 329 manure spreader.

Barn Equipment: DeLaval 600 gallon oval bulk tank; Mueller tank washer; 200 & 300 gallon bulk tanks in No. Chemung; Surge units & pails; dumping station; 2 Surge vacuum pumps; bedding chopper.

Produce: Silo ½ full of corn silage.

Trucks: 1974 Int. cattle truck; 1969 flat bed; Dodge P.U.

Misc.: Cement mixer, salamander; etc.

TERMS: CASH OR GOOD CHECK
LUNCH AVAILABLE

OWNERS:
KENNETH ELSTON ESTATE

REAL ESTATE: To be offered at approximately 1:00 P.M. Consisting of 99 acres more or less, farm approximately 40 tillable acres, situated there on a dairy barn, sheds and dwelling. Some excellent gravel soils. For further information contact auctioneer/broker.

HOWARD W. VISSCHER
AUCTIONEER & LIC. REAL ESTATE BROKER
NICHOLS, N.Y. 607-699-7250

Public Auction
Of Furniture, Collectibles, Housewares, 1971 Ford Galaxy

Saturday, June 10, 1989
Auction Time: 8:30 A.M.

Location: Box 96 RD #1 East Earl (Blue Ball) Penna. From Square In Blue Ball (Rt. 23 & 322) Go East On Route 322 Past Fire Hall To Center Street. Turn Right On Center St. Go To Stop Sign, Turn Left Onto Wea-Wit Street To Auction On Right. Blue Ball, Penna. 17506.

(2) Oak Bow Front China Closets; 3 Pc. Oak Roll Top Bedroom Suite; Dovetailed Blanket Chest; (6) Decorated Plank Bottom Chairs; Claw Footed Dropleaf Table; 4 Pc. Waterfall Bedroom Suite; Ext. Table w/8 Boards; Oak Library Table; (5) Wicker Rockers; Gibson Refrigerator; Hotpoint Range; Gibson Freezer, 5 Cu Ft; Sessions 8 Day Shelf Clock; 500 Plus Salt And Peppers; 30 + Hen On Nests; 35 + Tea Pots; 30 + Vases; 30 + Meat Platters; 45 + Sugar & Creamers; German, Bavaria, Japan, Noritake China; Adams China; Carnival Dishes; Redware Plates; Quilts; Some Old.

1971 Ford Galaxy 4 Door V-8 Auto, PS, Excellent Cond., Electric Heater; Savory Roaster; Kerosene Lamps; Canner; Kettles; Mixer; B&D Trimmer; Stepladder; Hand Tools; And Much More. A Full Day Of Selling Beginning At 8:30 A.M.

TERMS: Cash Or Good Check Day Of Auction. No Out Of State Checks.
Note: Auction Will Be Interpreted For The Deaf.

Auction By
Moses M. & Lena V. Martin

Auction Conducted By
J&P Auctions
Paul E. Martin Auct. AU-1601
Ephrata, Pa. 717-733-3511
John D. Stauffer Auct. AU-1509
Manheim, Pa. 717-665-5099
Food At Auction

Public Auction Register
Closing Date - Monday, 5:00 P M of each week's publication

REAL ESTATE AUCTION
20 AC. "BY CHANCE FARM"
SUPERB GENTLEMAN'S HORSE FARM

Airy Hill Rd., CHESTERTOWN
KENT COUNTY, MARYLAND
8% Financing Available

MON., JUNE 26
P.P. 5:30 R.E. 7 P.M.

ON CHESAPEAKE BAY'S EASTERN SHORE
* A-1 Condition * Brick Rancher
* New Indoor Riding Arena * 7 Box Stall Stable
* Outbuildings * Completely Fenced

PERSONAL PROPERTY SALE 5:30 P.M.-
TERMS: CASH
Tractors * Farm & Horse Equipment * Household Goods

Directions: From Chestertown Rt. 213; W. on Rt. 291 to R. on Rt. 20, L. on Airy Hill Rd. & Property on R.
INSPECTION: SUN., JUNE 18, 2-4 P.M.
TERMS: 15% Deposit - Subject to Confirmation

H.B. RIGDON, Co-op R.E. Broker/Auctioneers
Forest Hill, MD (301) 557-7553

For Info/Color Brochure Call

KENNETH A. GEYER AUCTION Co. Inc.
SUITE 102 • 661 WEST GERMANTOWN PIKE
PLYMOUTH MEETING PA 19462 • LIC AU 332L
(215) 834-1854 • Pottstown 326-3856

2-DAY **Public Auction** 2-DAY
Of Valuable Antiques- Coverlets- Quilts- Dishes & Glassware And Personal Property
ON FRI., JUNE 9, 1989
AT 3 P.M.
AND SAT., JUNE 10, 1989
AT 9 A.M.
At Springetts Fire Co. Social Hall
3013 East Market St., York, Pa.

The Undersigned Executors Of The Lester L. Buchart Estate Will Offer At Public Auction The Following:

Antiques
Large Accountants Desk- Claw Foot Slant Top Desk- Small Deacons Bench- Yarn Winder- Small York Safe- Camel Back Trunk- Needle Point Rocker- Dishes & Glassware In Opalescent- Hobnail- Ironstone- Satin Glass- Westward Ho- Frosted Lion- Tear Drop- German- Japan- Austria- Clear- Pressed & Colored Glass. Also Some Primitives & Misc. Small Items.

Coverlets- Quilts- Sterling
William E. Hinger A. Aronsburg Centre County 1869 Coverlet, Frederick Weaver A. Aronsburg Centre County 1867 Coverlet, Numerous Quilts Consisting Of Wedding Ring- Star- Snowball- Small Triangle- New Wedding Ring- Embroidered- Large Flowered And Other Patterns- Towle Sterling Silverware Service For 12- Sterling Silver Candle Holders- Set Of Sterling 12 Days Of Christmas Decorations- Also Other Pcs. Of Sterling & Plated Items- Also A General Line Of Personal Property & Household Goods And Many Other Articles To Numerous To Mention.

Not Responsible For Accidents On Day Of Auction.
Note- Auction Schedule Will Be Posted At Preview.
Preview Showing, Thurs. Evening June 8 6:30 P.M. To 8:30 P.M.
And 1 Hour Prior To Auction Each Day.
Good Restaurants & Motels Within Walking Distance Of Fire Hall

William H. Everhart
Dauphin Deposit Bank & Trust Co.
Co-Executors

Jacob A. Gilbert #336
Brian L. Gilbert #2256
Auctioneers
William S. Eisenhart Jr. Attorney
Auction Conducted By
Gilbert & Gilbert Auctioneers
RD #1, Wrightsville, Pa. 17368

PUBLIC SALE
Carriage Shop Inventory- Antiques- Floor Model Tools- Buggies
Friday, June 16, 1989
9:00 a.m.
Located one mile East of Bird-In-Hand, PA along Route 340.
Tools, Etc.

Box full of antique tools & folding rules; new R-151-¼ " Ryobi electric router; miscellaneous allen wrenches, socket wrenches, vise grips, etc.; air powered brake fluid filler; air powered paint shaker; new Gresen ¾ " hydraulic relief valve; air supplied paint hood; Wheel Wright measuring wheel; used spoke tensoners & honers; 6 hand saws; 8 sets new roll door trolley hangers; miscellaneous new screws, bolts & lags, miter box; some new & old cabinet hardware; 8 boxes miscellaneous new finishing nails; some new & used air drills; miscellaneous air sanders; 11 airline filters, oilers & regulators; large box miscellaneous seamers; approximately 24 new pipe taps; lots of new bolt taps; set of acetylene gauges & hose; 4" wood jointer; wood lathe; miscellaneous lathe tools; ¾ " spindle shaper; small bench type metal lathe; old buggy tires; old lathe & scrap iron; sand vac recirculating sandblaster, like new; electric pressure washer; double spindle polishing unit & abrasive belt grinder mounted on table; double spindle drum sander unit; 10" Dewalt radial arm saw mounted on portable cabinet; 16" dust collection blower; Toledo #999 power pipe threader & dies with hydraulic motor; portable hydraulic unit with new Wisconsin Robin engine; 7½ " Walker Turner floor model drill press; 10" Walker Turner floor model drill press; 28" pedestal fan with ½ horse electric motor; 2-½ ", 2-1", 1½ ", 2" ton chain hoists, like new; knee hole office desk; miscellaneous wood & metal shelving; 10" chop saw; metal lathe, good condition with air motor.

Gear & Shaft Parts
Approximately 50 new cross pieces; new block brakes; miscellaneous new & used pole crabs, shafts & wheels; 8 coils 1½ " new style rubber tiring; 6 coils 1¼ " new style rubber tiring; 6 rolls ⅞ " old style rubber tiring; 60-1⅛ " crome shaft tips; old hydraulic brake parts; old yokes & single trees; new & used buggy & carriage springs.

Miscellaneous Motors
Germotor MH10 hydraulic motor, like new; 3 gallon hydraulic motor; miscellaneous air motors & air cylinders; miscellaneous V pulleys; 3 new electric 2¾ horse 110V single phase motors; 1 horse 110V single phase motor.

Wagons & Buggies
Used market wagon; used runabout with brass dash screen; concord buggy; jogging cart; wire wheel cart.

Approximately 300 board ft. ¼ sawn, white oak, air dried 4 yrs, lumber

Wagon Body Parts
Approximately 50 old carriage doors & windows; new & used buggy parts, wrenches, clips, steps, etc.; old buggy & carriage seats; old buggy cushion springs; 2 cart bodies; miscellaneous paints, etc.; miscellaneous new & used lights & wiring supplies & reflectors; miscellaneous new mirrors; miscellaneous masking tape; miscellaneous sandpaper; 6 packs electrical tape; 10 speed O meter dashes with sq. hole; miscellaneous new & old carriage switch boxes; new beach wagon endgate latches; miscellaneous fanny flags & brackets; some part rolls automotive loop carpet; miscellaneous upholstery materials.

Our Standard Line of Items We Wholesale
Gray & black vinyl topping; mudsplasher material; gumblanket material; safety glass & therma pane units & therma pane strips; shaft eyes; wooden shaft T irons; rear seat back irons; headlight posts; fanny flag brackets; window hold-up brackets; urethane paints & thinner.

Auctioneer's Note: Carriage makers, do not miss this sale because there may be some bargains in the above list of items we wholesale.

Owner:
Ephraim King

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
Lic. #AU-001349-L

SAT. JUNE 3 - 9:30AM, Antiques, Few Tools, East Vincent Twp., Chester Co., PA, Spring City, PA follow Bridge St. to Rt. 724 (Jones Motor Co.) Continue on Bridge St., go approx. 1¼ mi. to the West Dairy, turn left on Stony Run Rd., to first farm on left, Estate of Flora Allen, Nelson C. Weidenbaugh, Auct.

SAT. JUNE 3 - 9.30AM, Antique Tools for farm, home & trades, at Tyro Grange Hall, Rts. 202& 413, Buckingham, Bucks Co., PA, Leslie Keating, Dec'd, Robert H. Clinton & Charles L. Moyer, Aucts.

SAT JUNE 3 - 10AM Estate of Beatrice V. Swisher. Located R.D.1 Unityville, Pa. (Lycoming Co.) Go 3 mi. east of Lairdsville on Rt. 118. Follow auction signs off Rt. 118, 2 mi. to auction site. George S. Kapp, Jr., Gele L. Derr, Aucts.

SAT. JUNE 3 - 10AM Personal Property and Antiques, located 73 N Kinzer Ave., New Holland, PA, Norman Loht Estate, Jay M Leary & Associates, Aucts

SAT. JUNE 3 - 10AM RE, antiques & collectibles, HH and misc., Estate of Fay K. Cowden, Lee Dockey, Auct.

SAT. JUNE 3 - 10AM Consignment sale of antique gas engines, tractors, tools and equipment at the Penns Cave grounds, Rt 192 east, Centre Hall, PA, Nittany Antique Mach Assn

SAT. JUNE 3 - 10AM, HH Goods, antiques, coins, collectibles, 844 High St, Lancaster, PA, corner of High & Prospect St, sale by Theresa Heltshe, Ed Heltshe POA, Richard D Dunlap, Auct

SAT JUNE 3 - 10AM, Oak Furniture, Rem Mod 29 Shotgun, Antiques, collectibles, quilts, '75 Impala, HH, small tools & hardware etc, located Box 19, Centerhall, PA, off RT. 41 1 mi. W of Cochranville, PA, turn onto Centerhall Rd., bear left at "Y", follow 1½ mi to sale, By order, Karlene M. Kurtz, Whiteside Auction Service.

SAT. JUNE 3 - 10AM, Heavy Equip. and Const, Galeton, PA, located 2 mi east of Galeton, PA on Rt 6, Potter Co, C E. Gross Const., owner, Dick Crittenden Auction Co., Aucts

SAT. JUNE 3 - 11AM, Truck, equip., RVs, boats, etc., Williamstown, NJ, All American Auction Service.

SAT. JUNE 3 - 11AM, Antique Auction, Legg Mason Center, 600 Washington Ave, Towson, MD, The Estate of Lida May Berry, Milton J Dance Co, Inc Auctioneers

SAT JUNE 3 - 11AM, 1967 GMC 12' Stake Body Truck, Farm Equip, Misc Items, located between Bernville & Reading, Bern Twp, Berks Co, PA, turn off Rt 183 at Bern Church Picnic Grove onto Plum Creek Rd for 1 mi to auction, Sale for Rodney Garrett, Kenneth P. Leiby Auct

SAT. JUNE 3 - 2PM, Real Estate Auction, Galeton, PA, Potter Co., Dic, Crittenden Auction Co

SAT JUNE 3 - 2PM, Driving Horses, hitching at 12.30PM, located off of Rt. 322 near Blue Ball, Terms by Aden Martin, Horning Farm Agency, Inc.

SAT. JUNE 3 and SUN. JUNE 4, Antique Engine Tractor and Farm Toy Show, , Kempton, PA Community Center, intersection of PA Rts. 143 & 737, adjacent to WK & S Steam R R, 4 mi. north of I-78, 20 mi. west of Allentown, PA, Sponsored by The Antique Engine,, Tractor & Toy Club, Inc.

SUN. JUNE 4 - 12 30, 3rd annual toy tractor & equipment auction at the Penns Cave grounds, Rt 192 east, Centre Hall, PA, Nittany Antique Mach Assn

MON JUNE 5 - 7PM, Tract of Mountain Land, located on Greenwood Street, Rt 305, Belleville, PA, Leah Hostetler, owner, Mark Glick, Auct.

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

MON. JUNE 5 - 7PM, Machinery, HH goods, vehicles, at Hunter's Sale Barn, Inc., Rt. 276, Rising Sun, MD, Mr. George Belew, owner, Hunter's Sale Barn, Inc., Aucts.

TUES. JUNE 6 - 4PM, 7 Oriental Rugs, 75 oil paintings, Antique Furniture, Collectibles, Antiques, HH Goods, at6 110 S. Roberts Rd , Bryn Mawr, PA, Selling for Freida Timke, Ralph W. Zettlemoyer Auction Co.

TUES. JUNE 6 - 5PM, Consignment Auction selling lawn and construction equip., farm mach. and trucks, Teitsworth Sales Lot, Groveland, NY, Roy Teitswork, Inc. Sales Manager and Auctioneer.

TUES. JUNE 6 - 7PM 111 + Acre Berks Co. Farm, Silverdale Rd., Bernville, Penn Twp., Berks Co., PA, Kenneth A. Geyer Auction Co., Inc.

WED. JUNE 7 - 9AM, Tools, hardware, lumber and building supplies, at Goods Auction, 111 N. Maple Ave., Leola, PA.

WED. JUNE 7 - 5PM, Valuable commercial real estate, antiques and HH goods, located at corner of Rt. 897 & Ridge Rd , Reindholds, West Cocalico Twp., Lanc. Co , PA, Oliver B Mellinger, E. May Mellinger, owners, T. Glenn Horst and Sons, Aucts.

THURS. JUNE 8 - 2PM 815 Kendig Rd., Conestoga Twp., Lanc Co., PA, Valuable 61 Acre Beef and Grain Farm, Phares C. and Edith M Cramer, owners, Sanford G. Leaman, Auction Service.

FRI JUNE 9 - 9AM, Approx. 600 to 700 Head of Holstein Heifers, at Shady Lane Dairy Sale, Inc., ¼ mi west of Quarryville, PA off Rt 372 onto Oak Bottom Rd , Glenn D Fite and David L. Fite, Shady Lane Dairy, Inc.

FRI JUNE 9 - 1.30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511.

FRI. JUNE 9 - 5PM, Old Wood Chest, Blanket Chest, Tools, Shaft Sleigh Bells, Main St., Rehrersburg, Berks Co., PA, Clarie Gingrich, owners, Dwight D Miller, Auct.

FRI JUNE 9 - 3PM and SAT. JUNE 10 - 9AM, Antiques, Coverlets, Quilts, Dishes & Glassware and personal property, at Springetts Fire Co. Social Hall, 3013 E Market St., York, PA, The Lester L. Buchart Estate, Jacob A. Gilbert and Brian L. Gilbert, Aucts.

SAT JUNE 10 - 8 30AM, Antiques, HH goods & 100's of items of glassware, Chev. Window Van, located at square in Abbottstown, Rt. 30 turn North, go 300 ft & Keep left on Brough Rd., (916 Brough Rd) go 1½ mi , sale on left., Robert & June Plunkert, owners, Blaine & Nevin Rentzel.

SAT. JUNE 10 - 8 30AM, Furniture, collectibles, housewares, 1971 Ford Galaxy, located Box 96, RD 1, East Earl (Blue Ball), PA, from Square in Blue Ball (Rt 23 & 322) go east on Rt 322 past Fire Hall to Center St., turn right on Center St., go to stop sign, turn left onto Wea-Wit St to auction on right, Moses M & Lena V Martin, owners, Paul E Martin and John D Stauffer, Aucts

SAT JUNE 10 - 9AM Antiques & Collectibles, 208 N. Third St , Lewisburg, PA, Sale by order of Blair Judy, POA for Irene K. Judy, Lee Dockey, Auct

SAT. JUNE 10 - 9AM, Bottle Collection-Bear Collection-Avon Bottles, New Carhartt Clothing, located in Spring Run at the intersection of Rt. 75 and 641, Path Valley, Mr. and Mrs. George Bair, owners, Harry Speer & Speer Auction.

SAT. JUNE 10 - 9AM, Estates from Wilmington, Del and Eastern Shore of Maryland, at Rudnick's Sales, Rt. 213, Galena, MD, Harry Rudnick & Sons, Inc., Aucts.

SAT. JUNE. 10 - 10AM Registered Heifer Sale at New Holland Sales Stables Inc., New Holland, PA.

SAT. JUNE 10 - 10AM Household, Tools, Furniture. 2 miles North of Village of Rehrersburg, Pa. Berks Co Owners, Mr. & Mrs. Wayne Ziegler. Dwight D. Miller, Auct.

SAT. JUNE 10 - 10AM, Antiques, furn., HH goods, collectibles, carriage, 2198 Hobson Rd., Lancaster, PA located corner of Buckwalter Rd. & Hobson Rd., East of PA State Police Barracks, Salina Beiler, owner, Miller & Siegrist Auctioneers.

PUBLIC SALE

Of Antiques, Furniture, Household Goods, Collectibles, Carriage

Saturday, June 10, 1989

10:00 A.M.

2198 Hobson Road, Lancaster, PA
Located corner of Buckwalter Rd. & Hobson Rd., East of PA State Police Barracks.

Old Dutch Cupboard With Glass Doors On Top, Drawers And Doors In Base, Oak Ext. Table With 3 Boards, OLD WOOD-GRAINED CORNER CUPBOARD W/ GLASS DOOR ON TOP, Dove Tailed Jelly Cupboard w/High Back & Inlaid Panels, DOUBLE-SIZE ROPE BED, Oak Double Bed w/Carving & Matching Dresser, OAK WASHSTAND W/TOWEL RACK, Oak Rocker, 3 Oak Pressed Back Chairs, 6 HAND PAINTED PLANK BOTTOM CHAIRS W/ MATCHING LADDER BACK CHAIR, Dough Tray, Day Bed, Oak Cane Seated Chair, Wooden Benches, Beveled Wall Mirror, Child's Nursery Chair, Wooden Sewing Chest, Old Wall Shelf, Magazine Rack, Doll Cradle, Quilt Frame.

Satin Oil Lamp, Wooden Cheese Box, Mini. Oil Lamp, 2 Qt. Milk Pail, Wash Board, Music Box, Wicker Baskets, Husking Pegs, Meat Saw, Moseman Peanut Butter Can, Lanterns, Wooden Towel Rack.

8-Day Mantel Clock w/Weights, 8-Day Wall Clock w/Oak Case, Cuckoo Clock w/ Fiddleman, Buckerer Wall Clock.

FRENCH BISQUE, PORCELAIN, & CLOTH AMISH DOLLS, 1890 GERMAN NEW TESTAMENT BIBLE, GERMAN PRAYER BOOK, 1879 GERMAN SONG BOOK, 2 - 1888 German David Beiler Books, 1800-1900 German Calendar Almanacs, 1885 Hertzler Genealogy Book, 1911 Mast Family Book, Other Family History Books, National Geographics, Old Post Cards.

1915 & 1952 SHOW TOWELS, Quilts, Comforters, Horse Blankets, Linens, Fancy Work, Embroidery Pcs., Towels, 1946 Shoe Rug, Pin Cushions, Buttons, Braided Chair Pads, Rag Carpet.

HORSE-DRAWN CLOSED CARRIAGE W/ BLOCK BRAKE, Harness, 2 Collars, Bridle, Ladder for Wheat Wagon, Approx. 30 Yearly Chickens-- Sex Sal, Rollaway Chicken Nests, Chicken Coop, Pea Wire.

HYDRAULIC COMMERCIAL 20 QT. BLAKESLEE MIXER COMPLETE W/ DOUGH ARM & BEATER BOWL, LG. WOODEN NOODLE DRYER W/SCREENS & DRAWERS, IMPERIA R220 NOODLE CUTTER W/2 SIZES, IMPERIA R220 ROLLER, Hydraulic Hobart Commercial Mixer.

English Bristol China Set, Smith Phillips Porcelain Plates, Royal China, Dec. Ironstone, Carnival Glass, Pink & Green Dep., Chicken-on-nests, Barrel Dishes--Buffalo Henry Thiele Cup, Lg. Glass Basket, Fostoria, Amber Dep. Pitcher Set, Redware Pie Plates, Pressed & Pattern Glass, Roger Bro. & Other Silverware, Assort. Knick-Knacks, Agateware, Crocks, Hand Painted Trays, Tin Measures, Egg Scale, Galv. Tubs, Berry Crates & Boxes.

COINS: Lg. Cent, Wheat Pennies, Buffalo Nickels, Assort. of Coins.

Lots of items too numerous to mention.
No Out-of-State Checks --
Not Responsible for Accidents
-- Good Food
TERMS BY:

SALINA BEILER

MILLER & SIEGRIST AUCTIONEERS
Elvin Siegrist 687-6857
Alvin Miller 392-1547
Paul Andrews
AU-1723-L

PUBLIC AUCTION

Inventory Reduction
CHARLES S. SNYDER FORD INC.

25 RIDING LAWN-COMMERCIAL-FINISHING & ROTARY MOWERS, 8-N FORD, FORD 1210 TRACTORS, SKID LOADER, THATCHER, FLAIL MOWERS, TANDEM AXLE LO-BOY, TRAILERS, SNOWMOBILE, KAWASAKI 900 MOTORCYCLE, 3 PT. STONE RAKE, & BACKBLADES, MISC. GARDEN EQUIPMENT

WEDNESDAY EVENING, JUNE 14, 1989

5 P.M.

Location: 25 Mi. North of Allentown, 12 Mi. West of Lehighton, 6 Mi. South of Tamaqua - along Route 443, Sch. Co., Pa. (Trading as Charles S. Snyder, Inc.)

AUCT. NOTE: Most items being sold in good/like new condition. Availability of mowers, etc. subject to daily business.

— WATCH FOR FULL AD 6/10/89 —

SALE BY:
CHARLES S. SNYDER INC.
HOUSER AUCTS. AU-000446L
215-799-2396 or 717-386-2191

PUBLIC SALE

At Goods Auction,
111 North Maple Ave., Leola, Pa.

ON WED. JUNE 7

AT 9 A.M.
Tool And Hardware At 9 A.M.
Lumber And Building Supplies At 11:30
Doors And Windows, 50 Gal. Farm Machinery Paint, Wall Paint, Nails, 12 O'Clock Noon

Lawn And Shop Equipment, Large Pounch Press, Set Of 4 Drill Presses, Tablesaws, Steel Shaper, Rod Iron Twisters, 50 Set Of Dies, Lots Of Riding Mowers, 300 Bits And Reamers, 4,000 Gal. Fiberglass Tank, 300 Gal. Steel Tank Field Cult., Gehl Chuck Wagon, Bale Thrower Wagon, 2 New Holland Flail Choppers, Crimper Chisler Grain Drill, Small Trailer, Hay Rake 10 Ft. Wheel Disc, Lime Drill, New Holland 271 Baler, Much More By Sale Time. We Sell On Comm. No Junk. Hay Sale Every Wed. At 12 O'Clock Noon.

Terms: Cash
No Out Of State Checks

Good's Auction
656-9558
656-8911

A.H. 00014-L

EVENING EQUIPMENT

AUCTION

TUESDAY, JUNE 6

at 5:00 P.M.

CARS, FARM MACHINERY, TRUCKS, HEAVY EQUIPMENT

Auction will be held at Teitsworth Auction Lot, Barber Hill Rd., 8 miles S.E. of Geneseo, 2 miles S.W. of Conesus Lake.

SELLING: JD 4430 tractor w/cab & Q.R.; JD 4230 w/cab, duals and frt. drive; JD 2640; JD 1020 w/loader; JD 720 gas; IH 1066; Ford 9N; IH 504 w/loader; JD 301 w/loader, 3 pt. & PTO; JD 950 w/rotary mower, blade & woodsplitter; BobCat 732 skid loader; MF 175, nice; Kubota 240; Farmall Cub w/mower, needs clutch; Farmall M; Case 580B tractor backhoe w/cab; Hough 65 art. R.T. loader; IH 656 D w/ loader, good cond.; Trojan 124 wheel loader; JD 350 6 way dozer; Cat D6 w/blade (BU); NH 282 wire baler; NH 853 big round baler w/ elect. controls, like new; NH 850 baler; NH 846 baler, excellent; NH 489 haybine, like new; 18' Star Track silo unloader; 1974 Ford L800 10 wheel dump truck; 1953 GMC 6x6 truck; 24' of 18' driveway pipe; 32' of 24" pipe; 90' of 30" driveway pipe; Scotty self contained travel trailer; bicycles; push mowers; flail mower; buzz saw; 1985 Ford Ranger 4x4 P.U. in very nice shape; 1985 Ranger w/4 cyl., 5 speed; 1985 Ford Crown Victoria; 1985 Chevy C-10 P.U.; 1986 Chrysler Lebaron turbo w/power everything, black - sharp car; **NOTE: All vehicles will be available for your inspection on Monday & Tuesday. You may test drive if you wish.**; Fahr 4 star tedder; 5' 3 pt. hitch finishing mower; (2) 5' Bushhog rotary mowers; Tag-a-long trailer; high pressure washer; 40x42' storage trailers; 2 way radios; telephone system; Patz barn cleaner w/170' chain; IH & Badger S.U. forage wagons; Patz gutter cleaner w/270' chain; IH 110 S.U. wagon 3 beater w/roof; IH 105 S.U. wagon 3 beater w/roof; 7' stone rake; new McConnell 10' disc; White 18' wing disc, like new; Farmall M for parts; several basket wagons; Hesston PT10 mower cond.; MF 3 pt. 2 row corn planter; Fox 3000 chopper; 1978 25' travel trailer; grain dryer; grain augers; Grasshopper 5' frt. mtd. mower; Cub 126 mower & several other lawn mowers and much much more.

Quality consignments welcome.
Equipment subject to consignor delivery.
TERMS: Full settlement auction night.
Cash or good check.

Roy Teitsworth, Inc.
PROFESSIONAL AUCTIONEERS
716-243-1563
6502 Barber Hill Road
Geneseo, New York 14454

PUBLIC AUCTION

ANTIQUES - HOUSEHOLD GOODS & 100's OF ITEMS OF GLASSWARE - CHEVY WINDOW VAN

SATURDAY, JUNE 10, 1989

8:30 A.M.

LOCATED: At Square In Abbottstown, Rt. 30 Turn North, Go 300 ft. & Keep Left on Brough Rd., (916 Brough Rd.) Go 1½ Mile, sale on Left. "Watch for Signs"

Dining Room Suite (Table, 6 Chairs, Server & China Closet), Glass Door Cabinet, Living Room Suite (Sofa, Chair, Tapestry Covered), 2 End Tables w/Coffee Table, Rockers, High Back Chairs, Oak Wash Stand w/Towel Rack, Small Drop-Leaf Stand, 8 Leg Gate Leg Table, Whatnot Stand, Bookcases, Mantle Clocks, 2 Electric Organs, School Desk & Chair, Quilt Rack, Old Crib, Wooden Express Wagon, Wooden Kitty Car, 2 Peddle Fire Engines, Reed Go-Cart, 72 Prism Hanging Lamp, Perfection Heater, Mission Oak Chair, Stools, Maple Chair, Duncan Phyfe Stand, Hall Stand, Gossip Bench, Small Cedar Chest, Doll Furniture (High Chair, Kitchen Cabinet, Crib, Bassinet, Cradle, Beds, Piano, Clothes Tree), Childs Table & Chairs, Kidney Table, Vanity Chair, Cane Chair, Piano Benches, Picnic Table, Egg Baskets, Hanging Scales, Humpty Dumpty Egg Crate, Lawn Edger, Tools, Axes, Hatchets, Digging Irons, Sledge Hammers, Claw Hammers, Saws, Miners Pick, Forks, Shovels, etc., Lanterns, Cross Cut Saw, Folding Chairs, Sled, Card Table, Pie Board, Chain, Pulleys, Wheat Cradle, Fainting Couch, G.E. Portable Dishwasher, Kenmore Ref. w/Freezer, 2 Schwinn Bicycles, Sweepers, Pictures, Frames & Albums, Air Rifle, Sleigh Bells, Electric Sewing Machine, Windsor Chair, Toys, Prissy Dolls, 25 Other Dolls, Wood Buckets, Pails, Granite Ware, Market Baskets, Toy Trucks, Crocks, Jugs, Cast & Molded Animals, (Bulldog, Beagle, Bird Dog, Chickens, Frogs, Cats), Wood Buckets, Pocket Knives, Straw Cutter, Tool Boxes, Pulleys, Wooden Cabinet.

Approx. 50 Pieces of Forest Green Glassware, Glass Baskets, Pitchers, Vases, Church Plates, Glassware (Ruby, Milk, Vasoline, Fostoria, Irridescent, Pattern, 100's Of Pieces of Glassware), Ref. Dishes, Egg Dishes, Peanut Butter Glasses, Table, Dresser & Floor Lamps, Kerosene Lamps, Cracker Jars, Fans, Candle Holders, Tea Sets, Mixing Bowls, Cake Stands, Chicken on Nests, State Plates, Decorated Plates, Salt & Peppers, Aluminum Cookware, Old Banks, Canes, Spooner, Old & Modern Carnival Glass, Whatnots & 100's of Items Not Mentioned.

1972 CHEV WINDOW VAN, 307, AUTOMATIC, VERY GOOD CONDITION.

TERMS: CASH OR GOOD CHECK.

ROBERT & JUNE PLUNKERT
916 Brough Road
Abbottstown, PA
(717) 259-0109
Auctioneer: Blaine & Nevin Rentzel
Emigsville, PA
(717) 764-6412
Pa Lic. #761 & 2483

AUCTION SALE

FARM MACHINERY & MUSHROOM GROWING EQUIPMENT, ETC.

Located 285 A Starr Road, Avondale, PA 19311 Route 41 to Penn Green Rd. South to first crossroads. Turn right on Starr Road. ½ mile to sale on right. Signs posted.

WED. JUNE 14TH AT 6 PM

1976 International Tractor 2500 series w/ front end loader & cab, 1969 International Loadstar 1700 Dump Truck V8 5 & 2 speed, Kubota 48" mower, 3 PH scrapper blade, manure fork, weight block, tractor chains, 5' Howard rotovator, Myers sprayer, 3PH 5' rotary mower, Pannell 20 HP & 7½ HP spawning machines, 32-8' fluorescent picking lights, 8 air conditioners to include-- 2 Weather King 10 ton, 4 Fedders 5 ton, 2 Friedrich 5 ton, Platform scales, 2-275 gallon fuel tanks, 1-500 gallon fuel tank, pick up cap, riding mower, refrigerator, washer, SS steam table, and misc. items not mentioned.

ALL ITEMS IN GOOD CONDITION
SHORT SALE...BE ON TIME!!
TERMS: CASH OR CERTIFIED FUNDS
OWNER: S.W. MAO

AUCTIONEERS
HAROLD S. HILL & SON, INC.
215 274-8525 (AU-001105-L)

Harry-Speer & Speer Auction — Coons Clerk
AU-392L

PUBLIC SALE

Located in Spring Run at the intersection of Route 75 and 641, Path Valley. Franklin Co. Exit 14 Pa. Turnpike.

SATURDAY, JUNE 10, 1989
BEGINNING AT 9:00 A.M.

Bottle Collection - Bear Collection
Avon Bottles - New Carhartt Clothing

BOTTLES: Green Vess dry 6½ fl oz., Skinners drugstore Cbg. PA, A.L. Metz Cbg. PA, White sail clear ammonia, H.J. Heintz Co. 251 Pat., Miller liquid wax oil polish, Billy Barter 10 fluid oz., pop bottle, 2 black tea pots, root Mason Pt., Rawleighs Vanilla Freeport Ill., Warren brewing, PA, C.B.W. 9½ f. oz. light green, Eagle Run Shamokin PA brown, V.A. Oswald Altoona PA 11 f. oz., High Rock ginger ale 1928 16 oz. Balt. MD., L.P.M. Lewistown Pure Milk Co. ½ pt., Rawleighs seet clover, Bromo Seltzer Balt. MD. Cobalt blue, Old Quaker whiskey, Hollingers liquors 1 qt. Lancaster, PA, Mrs. Stewarts blueing, A. Overhololt pt. brown (flash), several other bottles not mentioned.

Half pt. brown plain, Copudine for headache, Log Cabin syrup white.

BEARS: Over 100 bears from 1920 to 60's. 1 brown wind up bear no key, ceramic bears, iron bears, hand carved wood bears all sizes and colors.

COLLECTIBLES: Iron elephant bank, 2 dough scrapers, mouth organ the trumphet call, small liberty bell, iron anchor, iron house, tin school bus, Popeye book jokes 1940, jar opener, iron skillets, smoothing irons, crocks different sizes, small oil spout, turners, potato mashers.

AVON BOTTLES: George Washington, Betsy Ross, Bell, Cameo Lady Shell, Snowmobile, Abe Lincoln, 20 Dollar Coin, Stagecoach, Gun, Angler, and many others.

MISC.: Rototiller, Artic Cat snow blower, 8 ft. truck cap., roto lawn mower, 4 H.P. lawn thatcher, 6 pc. dining room suite table, 4 chairs, hutch, carpets, picture frames, bedding, pillows, single bed, space heater, gas stove, Ben Franklin gas stove, toys, games, lights, Sears microwave oven, lots of bowls, cooking utensils, 2 vending machines (1 candy, 1 cigarette), 6 showcases 1 very old. Many other unlisted items.

New Carhartt clothing, jeans, sweatshirts, sneakers, boots, and shoes.

Mr. & Mrs. George Bair
Spring Run, PA
349-2586

Identification is needed for bidding no. Lunch stand. No out of state checks. Not responsible for accidents.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

PUBLIC SALE

Valuable Antiques - Tin Windup Toys - Farm Toys - 100 Plus Dolls - Glassware - Tools Guns - Coins - RR Items

Flag Day Wednesday, June 14, 1989 Flag Day

Time: 3:00 P.M.

Located at Newberrytown Fire House. If traveling I-83 use the Newberrytown ex. #13, if coming from Harrisburg, Pa. turn left onto Rt. 382, if coming from York, Pa. turn right go approx. ¼ mile to Newberrytown Fire House. Sign posted.

ANTIQUES - TOYS - DOLLS

1 pc. blind door pine corner cupboard approx. 6'10", bracket feet, orig. molding & panel doors; wood box, old post office front w/28 combination boxes; cedar chest 1¢ & 2¢ stamp machine; New Haven og shelf & wall clock, plus other clocks; New Haven open face pocket watch; lots of mens & ladies wrist watches; Western Pacific watch fob; miniature oak chest w/lock; 15 pocket knives; 25 fountain pens; 43 pc. Pacific flatware set; candle snuffers; Marx tin windup toys Snoppy Gus hook & ladder, Milton Berle car, G-Man machine gun, crawler w/driver, donkey w/cart & 4 train sets; Marx tin toy trucks dump, flatbed, plus other trucks; J. Chein tin windup roller coaster; J. Chein childs elect. player piano w/rolls, Buddy-L sand & stone dump truck & gradeall; Ny-Lint hough payloader & bulldozer; metal soldiers; (tin toy Jungle Eye shooting gallery, tin barn w/silo & loader, child tea set in org. box all made by Ohio Art); Tin traffic control w/car, country tour & Grand Prix Made in Germany; Ethan Allens baseball game, plus other games; battery operated forklift w/driver, airplace & patrol car; nice antique wooden accordion; lots of farm animals metal, rubber & china; Bordens Golden Crest toy barn; Uncle Sam register bank; Schoehut childs piano; Chico windup rabbit; windup monkey; Childs atomic disintegator pistol, plus other pistols; childs cooking set in org. box; windup Santa Claus w/ringing bell; blown glass Santa Claus & old miniature cotton Santa Claus tree ornaments; plus other old Christmas ornaments; tin OJ mechanical cat; cast iron taxi cab; tin car carrier; marbles of all sizes, some clay; Match Box toys; Hohner harmonicas music base; 6 old Violins w/ cases; saddle rifle scabbard; lots of badges; Civil War union bayonet & scabbard; Wooden ABC blocks; over 100 various size collector dolls in bisque-composition-celluloid; doll clothing; reed doll & large cradles; Elvis Presley collector doll; childrens cloth, Roy Rogers, Judy Garland cut-out, Hopalong Cassidy coloring & Planter Peanut paint books; approx. 200 comic books; Lionel Chem-Lab in wooden box; microscope set in dovetail box; lots of 45's records, plus numerous toys & items not mentioned.

FARM TOYS - TRAINS - PROMO. CARS

Tractall pedal tractor, belt driven, replica of Farmall C tractor; Tru-Scale Int. Tractor w/mounted corn picker; 3 Tru-Scale tractors, loader, pull type canvas combine, grain drill disk & 2 bottom trail plow all in nice shape; the following promo. cars 51 Ply, 51 Chevy, 56 Desoto, 59 Ply Fury & 64 Ford Galaxy; 2 Marx elect. train sets; Lionel #1688 passenger train set, #2055 freight train set, #2055 special edition train set; 2 American Flyer train sets, #343 engine & Tender, Washington pass. car, 2 windup engines; standard & O gauge track singed Ives; Ives train box; 3 Hafner 1010 tin windup train sets; American Flyer auto. cattle loader & control tower; Lionel station house & auot. gateman, new in box, lots of train accessories & RR items.

GLASSWARE

Keorsene lamp; German bowls; Noritake, Nippon & O J pieces; 2 copper lustre pitchers; R.S. Germany mayo. bowl w/underplate; pressed glass pieces; glass basket; musical teapot; sponge pitcher signed B. Mummert; shaving mug, plus other pieces.

TOOLS

Wooden tool chest; Stanley #71, #190 & small planes; moulding plane signed John Bell, Phila.; large beam chisel signed Beatty; block planes; drawing knives; corner chisel; sockets; drill bits; brace & bits; and misc. tools.

GUNS - COINS

Ithaca 12 ga. hammerless double barrel shotgun no. 1 grade ser. #14299; Baker Batavia ejector 12 ga. damascus double barrel shotgun ser. #29562; Winchester big bore 94 XTR 375 cal. rifle w/mounts ser. #BB020382; Bellmore 12 ga. double barrel hammerless shotgun ser. #116667; Savage mod 11OE 243 cal. bolt action rifle, never fired ser. #685024; Ruger mode. 10-22 cal. semi. auto. rifle w/ extra clip ser. #113-75837; 40 Indian head pennies; large cents; 2¢ pieces; Buffalo & V nickles most cleardates plus other coins.

Auctioneer Note: Most of windups are in working condition, some in org. boxes. Most train items w/boxes. Sale to be held inside, plenty of seating. Mark calendar, plan to attend.

Order of sale: 3 P.M. sharp sm. items, dolls, windups, dishes, books, coins. Approx. 7 P.M. corner cupboard, guns & trains.

Terms of sale: Cash, certified or travelers check. Personal checks must be accompanied by bank letter of guaranteed payment.

SAMPLE OF GUARANTEED LETTER: Mr.------ is a customer of our bank and we will guarantee payment of checks written on his account up to ------ Dollars for purchase at your sale on June 14, 1989.

Refreshments by Newberry Fireman Ladies Auxiliary.

Not responsible for accidents

***MR. S. GIBSON,* Owner**

Little IKE Eichelberger Auctioneer
Pa. Lic. #AU-001954-L
Now booking summer, fall & evening sales.
Lewisberry 717-938-6322
Call now for available dates

SAT. JUNE 10 - 10AM, Farm Equipment, Crops, Princess 12'x70' Housetrailer, HH Goods, located ½ mi. West of Krumsville, Greenwich Twp., Berks Co., PA, traveling on old Rt 22 turn at the Greenwich Township Building, Michael Gehringer, Lenard Sutliff, owners, Dennis F. Wagner, Aucts

SAT. JUNE 10 - 10AM, Potato, Horse and Genral Farm Equip., located on the former Bert Bennett farm on Fox Hill, follow arrows from Main St., Rt. 49, or on Rt. 449 at Brookland, 3 mi. S. of Gold, or 3 mi. North of US Rt 6 at Deer Park, Ulysses, Potter Co., PA, Bud and Ken Perkins, owners, Jerry Pirrung, Auct.

SAT. JUNE 10 - 11AM, 2½ story dwelling with 4 BR's, located along Rt. 23 in Elverson. Commercial. Terms by: Francis & Janet Golembiski, Horning Farm Agency.

SAT JUNE 10 - 12Noon, Hillsboro Farm Complete Reg. Heifer Dispersal, at New Holland Sales Stables, New Holland, PA, Estate of L. Martin Van Nuys & Kenneth L. Van Nuys, Belle Mead, NJ, Col Fred R. Daniel Auctioneers, Inc.

SAT. JUNE 12 - 10AM, RE 12Noon, Real Estate and Fine Restaurant Equip., Strategic Are of Rts. 422 & 100 Expressway Development, King & Manatawny Sts., Pottstown, Montgomery Co , PA, Conway's Sandwich Shoppe & Ice House, Kenneth A. Geyer Auction Co., Inc.

MON JUNE 12 - 6PM, Restaurant Equip. & Supplies, 4220 (rear) Chambers Hill Rd at Amp Wick Rd , Hbg , PA, Covenco, Inc , owner, Kerry Pae Auctioneers

TUES JUNE 13 and WED JUNE 14 - 10AM, Complete Liquidation for Seeco Trucking & Trailer Repair, Inc , Spring City, PA, corner of Rt 724 and Bridge St. (better known as Jones Motor Trucking Complex), 8 mi. west of Valley Forge, PA, 7 mi east of Pottstown, Hess & Moyer, Auctioneers.

TUES. JUNE 13 - 10:30AM, Real Esate, 2841 E. Prospect Rd , York, PA, at Longstown, Daisy I. Kaltreider Est , Gilbert & Gilbert, Aucts

TUES. JUNE 13 - 6 30PM, Real Estate, located in Salisbury Twp , Lancaster Co , PA, half mi. north of Rt 30 along Mt Vernon Rd , 2 mi east of Gap, 3 mi. south of White Horse, Stephen & Edna Stoltzfus, owners, Steve Petersheim, Aucts.

WED. JUNE 14 - 9AM, Antiques, toys, tools, furniture and HH goods, 219 Park Ave., Ephrata, PA, Enos B Weber Estate, T. Glenn Horst and Sons, Aucts

WED JUNE 14 - 3PM, Valuable antiques, tin windup toys, farm toys, 100 plus dolls, glassware, tools, guns, coins, RR items, located at Newberrytown Fire House, if traveling I-83 use the Newberrytown Ex, #13, if coming from Harrisburg, PA, turn left onto Rt. 382, if coming from York, PA turn right go approx. ¼ mi. to Newberrytown Fire House, Mr. S. Gibson, owner, Little IKE Eichelberger, Aucts.

SAT. JUNE 14 - 7PM, 3 BR rancher on nice lot; located along Killian Dr. just off of Gibralter Rd., Exeter Twp., terms by Horning Farm Agency, Agent for Seller.

THURS. JUNE 15 - 12Noon, Parcel #1-152 Acres of Woodland, located along Manor Rd. in Lower Windsor Twp., York Co., PA, Parcel #2-19 Rental Units, 145-155 West Main St , in the Borough of Windsor, Richard T. Snyder, Glenn E. Snyder, co-partners, Bradley K. Smith, GRI, CRS, Auct.

THURS. JUNE 15 - 4.30PM, RE, HH Goods, Located along South Fairmount Rd , West Earl Twp , Lanc. Co , PA, Rt 322 East of Ephrata to Grist Mill Rd , Linden Grove to S. Fairmount Rd., Gerry L. White and Sandra L. White, owners, T. Glenn Horst, Aucts

THURS. JUNE 15 - 4:30PM, Valuable antiques & HH goods, located at the Brickerville Fire Hall just off Rt 322 West of Ephrata in the village of Brickerville, PA, Estate of Hannah Felker, E.M Murry Assocs Aucts

THURS. JUNE 15 - 7PM, 65 acre lot w/well and septic, burned out old stone & frame dwelling, take Rt. 82 to 282E through Glenmore, 765 Creek Rd , E. Brandywine Twp , terms by Dorothy I Baum, Horning Farm Agency, Inc

FRI. JUNE 16 - 9AM 1 mile east of Bird-In-Hand, along Rt 340 Carriage shop inventory & antiques, floor model woodworking tools Owner Ephraim King Auct Steve & Steve Jr Petersheim

FRI. JUNE 16 - 10AM, Farm Equip., truck, horse drawn equip , hay straw, horse, milk tank, HH goods and antiques, 15 mi. S. of Allentown, turn off Rt. 29 onto Rt 663 toward Quakertown for 1 mi., turn N. at the traffic light onto Geryville Pike approx. .6 mi., then R onto Titlow Rd., to the farm, Bucks Co., PA, Estate of Lester Renninger, Sr., Ralph W. Zettlemoyer Auction, Co., Inc.

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2 OUTSTANDING

ABSOLUTE AUCTIONS

(TWO DAYS)

AUCTION #1

220 ACRES VIRGIN PERRY COUNTY WOODLAND

MONDAY EVENING JUNE 19, 1989

At 7:00 P.M. On Premises

Being sold in 4 separate parcels, combinations or entirety. Take Rt. 22/322 West from Harrisburg to Millerstown Exit. Follow signs to Rt. 17 South, go approx. 8 miles to Dever Hollow Rd. Turn left to property 2/10 miles on left. Auction sign on left.

* 2,800 ft. total road frontage.
* Parcel #1 - 16.9 acres m/l w/50' right of way through Parcel 2
* Parcel #2 - 15.6 acres m/l w/1170' road frontage
* Parcel #3 - 152 acres m/l w/750' road frontage
* Parcel #4 - 36 acres m/l w/838' road frontage

EXCELLENT HUNTING/ RECREATIONAL AREA CLOSE TO NEW SNOW PEAK SKI RESORT! STANDING TIMBER SOLD WITH LAND. LOW TAXES!

TERMS: ABSOLUTE AUCTION, sold to highest bidder without reserve. DEPOSIT: $5,000.00 on each parcel in CASH, CASHIER OR CERTIFIED CHECK payable to Kerry Pae, Auctioneer time of auction. Balance due in 45 days at settlement. Call for brochure.

AUCTION #2

100 ACRES CUMBERLAND COUNTY WOODLAND

TUESDAY EVENING, JUNE 20, 1989

At 7:00 P.M. on Premises

Being sold in 5 separate parcels, conbinations or entirety. Take I-81 South from Harrisburg to Exit 11. Take Rt. 233 South 3 miles to Southside drive. Turn right, go 1 mile to Beetem Hollow Rd. Turn left 6/10 mile to property on left. All wooded parcels located in foothills of appalachian Mountains near Kings Gap & Pine Grove Furnace area.

* Parcel #1 - 1.5 acres m/l w/250' frontage on Beetem Hollow Rd.
* Parcel #2 - 7.1 acres m/l w/50' frontage on Beetem Hollow Rd.
* Parcel #3 - 10.2 acres m/l w/50' frontage on Beetem Hollow Rd.
* Parcel #4 - 28.9 acres m/l w/50' frontage on Beetem Hollow Rd.
* Parcel #5 - 51.7 acres m/l w/50' frontage on Beetem Hollow Rd.

EXCELLENT OPPORTUNITY TO BUY LAND AT YOUR PRICE!!

TERMS: ABSOLUTE AUCTION, sold to highest bidder without reserve. DEPOSIT: $5,000.00 on each parcel in CASH, CASHIER OR CERTIFIED CHECK payable to Kerry Pae, Auctioneer time of auction. Balance due in 45 days at settlement. Call for brochure.

KERRY PAE AUCTIONEERS
Harrisburg PA
(717) 236-3752

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI. JUNE 16 - W.N.Y. Draft Horse & Pony Club, Wyoming Co. Fairgrounds, Pike, New York. For Information Call Dick Page 716-237-3385 or Gary Beardsley 716-658-3425.

SAT. JUNE 17 - 8:30AM Outstanding 23 Acre Manor Twp. Farmette, Farm Mach., antiques, HH goods, coins, RD 2, Columbia, PA along Seitz Rd., take Rt. 30 west of Lancaster, PA to Prospect Rd Exit, go south on Prespect Rd. to Seitz Rd. to auction site, Amos H. & Verdna G. Weidman, owners, J. Omar Landis Auction Service.

SAT. JUNE 17 - 8.30AM Real Estate, Early American Antiques & Primitive Items & Coins, Off Rt. 30 West of York, PA 1 mi. off 4 Lane Bypass, turn south on Rt 616, go 200 ft. & turn left on Woodberry Rd., go 1½ mi. to farm on right, Estate of W. Emerson Gentzler, Blaine & Nevin Rentzel, Aucts.

SAT. JUNE 17 - 9AM Antiques, Household Goods, Toys, Books. Located at 105 Groffdale Church Rd., West Earl Township, Lancaster County, Pa. Directions Rt 23 east of Leola turn north onto S. Farmersville Rd., turn right onto Groffdale Church Rd. Terms by Mary E. Weaver. Horst Aucts.

SAT. JUNE 17 - 9AM SHARP! Antique Automobile, Midway between Dillsburg & Gettysburg, PA on Interstate Rt. 15, turn N. on Rt. 94 in Village of York Springs to Yeagy's Truck & Auto at 520 Main St. (Rt. 94), Anna C. Bateman Estate, Clair R. Slaybaugh, Auctioneer.

SAT. JUNE 17 -9AM, Antiques, wicker rockers, filing cabinets, office equip, etc., located at the Schuylkill County Courthouse, 2nd & Laurel Blvd., Pottsville, PA, Schuylkill County Commissioners, owners, Houser Aucts.

SAT. JUNE 17 - 9AM, Real Estate, Antiques, Gas Engines, Guns, Glassware, etc., located South of Red Lion on Rt. 74, approx. 10 mi , turn left at Sinclairs Store onto Goram Rd., go approx. 2 mi., property on right, Ralph E. & Lois C. Bortner, owners, Bradley K. Smith, Auct.

PUBLIC AUCTION

LESTER RENNINGER, SR. ESTATE AUCTION

FARM EQUIP.; TRUCK; HORSE DRAWN EQUIP.
HAY; STRAW; HORSE; MILK TANK
HOUSEHOLD GOODS & ANTIQUES

Fri. June 16, 1989 at 10 AM

(15 miles S. of Allentown) turn off Rt. 29 onto Rt. 663 toward Quakertown for one mile, turn N. at the traffic light onto Geryville Pike approx. .6 mile, then R onto Titlow Rd. to the Farm in Bucks Co., Pa.

TRACTORS & TILLAGE

Oliver 1855 diesel w/wf, 3 pt., over & under, hyd shift w/2140 hrs; Farmall M tractor w/MC frt end loader; Farmall M tractor w/sn blade; 2 Farmall H tractors, one w/bad clutch; Oliver #556- 5-16" 3 pt semi mtd pl; Oliver 3-14" trl pl; Oliver 12' transport disc; 2 four sec harrows.

PLANTING & HAYING

Oliver 4-30" #543 c planter; Ontario 16- 7 hoe drill; JD FB-B 15 single disc drill; NH 469 haybine; MC 7' mower; NH 56 rake; NH 276 baler w/ thrower; Smoker 24' bale & c elev; 3 wdn bale side wagons; 2 four wheel trls.

FORAGE & GRAIN

NH Super 717 forage harvester w/one r c head & pickup head; Gehl FB-88 PTO hopper blower; Gehl & AC forage wagons; JD 30 combine w/bin & engine; McCurdy gravity wagon; NH gravity wagon; JD 16-A flail chopper; McDeering silo filler.

MISCELLANEOUS

Walsh 300 gal trl weed sprayer; NI 323 c husker; Gehl #95 grinder mixer; Giant 28' single chn elev; one tooth subsoiler; Danhuser post hole digger for H or M tractor; 12"x38" tractor tire chns; NI mod 213 PTO manure spreader; Girton 650 gal milk tank; Surge milker pump & milker units; Ss dbl rinse tub; cattle dehorner; 4', 6', 8' & 10' ci cattle water troughs; rubber tire feed cart; 14' cattle gate; 22' alum & 34' wdn ext ladders; lg ventilating fan; 2 elec fencers; 18' Cardinal Jr elev; cement mixer; Homelite XL-12 chn saw; V type sn pl; 30 cedar posts; pile of board lumber; 500 lb platform scale; Int Cadet riding mower; ½ hp air comp; blacksmith forge; 2¼ ton flr jack; 5/8" elec drill press; pile of new barn roof tin.

HORSE DRAWN EQUIPMENT

Rubber tire top buggy; one horse run-about spring wagon; two horse box wagon; two horse rear dump wagon; two horse sleigh & seats; rubber tire break-in cart; MC #9 horse drawn mower; dump rake; land roller; two r c planter; two horse one r riding culti; one horse c planter; Hoka pl; Hamburg horse pl; one horse culti; ground scoop; two sec. harrow; two sec spike tooth harrow.

HORSE

3 yr old saddlebred.

TRUCK

1973 Chev Custom 30 w/292 cu in 6 cyl engine, has 12' body w/extra cattle sides, only 21,000 miles.

BUTCHERING EQUIPMENT

Butcher Boy band saw; American elec meat slicer; sm self-contained meat grinder; sausage stuffer; Mod 400 Well saw; wdn tub; butcher benches & utensils.

HOUSEHOLD & ANTIQUES

West 20 cu ft chest freezer; 2 pc LRS; 25" & 13" color TV's; elec lift recliner; Cherry rope bed; marble top table; Oak carved bed & dresser & other Oak BR furn; pressed back chrs & rockers; sq Oak ext table; Hoosier type kit cab; Empire jelly cupboard; jelly cupboard w/back; 6 plank seat half spindle back chrs; 6' mortissed bench; treadle sewing machine; sq Oak ext table; 5 pc Depr BRS; approx 40 milk cans; cedar chest; child's rocker; pressed back folding h chr; brass hanging light w/shade; 5 old carriage lights; 4 straps of sleigh bells; 2 hame bells; 4 cow bells; 7 sleigh or buggy lap blankets; 6 horse blankets; 1892 Crazy pattern comforter & quilts; mantel clocks; 6 oil lamps; stoneware crocks & jugs; asstd Depr, clear glassware & chinaware; glass butter churn; 5 rifles & shot guns; pot belly & log burning stove; old cream separator; plus many articles not mentioned.

SALE ORDER: 2 Auctioneers starting immediately on farm related items & household & antiques. Farm equip. approx. 12 noon, horse drawn equipment anytime after 1 PM.
Terms--Cash or Acceptable Check
Atty. Leslie Gearhardt
Executor Lester Renninger, Jr.
& Executrix Pauline Weber
Conducted by Ralph W. Zettlemoyer Auction Co., Inc.
215-395-8084
Pa. License #AU-001809-L
Refreshments Served

P O Box 215 • Fogelsville, PA 18051 • 215-395-8084 • License #AU001809-L

RALPH W. ZETTLEMOYER AUCTION CO. INC

PUBLIC AUCTION
SATURDAY, JUNE 10, 1989
9:00 A.M.
LOCATION: 208 N. Third Street, Lewisburg, Pennsylvania.

ANTIQUES & COLLECTIBLES

1-Pc. Softwood Single Blind-Door Top & Bottom Corner Cupboard, 6'H; 1-Pc. Cherry Single Blind-Door Top & Bottom Corner Cupboard, 7'7"H; Softwood Low Dry Sink w/ Dovetailed Open Well; Solid End Slant-Front Desk w/4-Drawers, Dovetailed Case; Softwood Chair/Bench Table; Cherry Hepplewhite Stand; Walnut Sheraton 30"-W. Blanket Chest; Cherry Round 6-Legged Extension Table w/Boards; Cherry 1-Drawer Night Stand; Softwood Dovetailed Blanket Chest w/ Strap Hinges; Walnut 3-Drawer Cottage Bureau; 3-Drawer Brown Marble-Top Dresser; Late Victorian Love Seat; Victorian Arm Chair w/Needlepoint Seat & Back; Miniature Dovetailed Blanket Chest w/Bracket Feet; 2 Walnut Victorian Side Chairs; Walnut Victorian Hall Rack w/Marble Shelf & Drawer; Assorted Cane Seated Chairs Including 3 Rockers - 2 w/Arms; Assorted Plank Bottom Chairs Including High Back Sewing Rocker; Misc. Softwood & Cottage Stands; Brass Bed; Piano Stool; 1-Pc. Double-Door Grained Cellar Cupboard; Tool Box; Oak High Chest of Drawers w/Mirror; 3 Round-Top Trunks; Depression Era Vanity; Child's Plank Bottom Rocker; 3 Mantel Clocks - 1 Ansonia w/Open Escapement Movement; Bracket Light w/ Reflector; 3 Kerosene Lamps; 2 Kerosene Lamps w/Marble Base & Half-Shade; Rayo-Type Burnished & Electrified Brass Lamp w/ Half-Shade; Brass & Copper Hanging Lamp w/Prisms & White Floral Shade (Electrified); Copper Hanging Lamp w/White Milk Glass Shade & 3 Blue Jewels in Frame; Brass Hanging Hall Lamp w/Frosted Shade (Was Gas & Electric); 1-Gal. & 1½ -Gal. Blue Decorated Crock; Tramp Art Comb Rack w/White Buttons; Small Split Oak Basket; Sadirons; Brass Bucket; Wooden Butter Bowls; Deep Picture Frames; Ogee Wall Mirror; Wheat Pattern Ironstone Teapot, 1 Lg. & 1 Sm. Covered Tureen, Plates, Cups & Saucers w/Handles; White Ironstone Pitcher & Bowl; 2 Milk Glass Dresser Bottles; Majolica Fish Pattern Pitcher; Large Selection of Pressed & Pattern Glass such as Pleat & Panel Dish, Shell & Jewel Water Pitcher, Misc. Water Pitchers & Cruets; Numerous Other Items.

HOUSEHOLD ITEMS

G.E. Stove; G.E. Automatic Washer & Frigidaire Dryer; Sylvania Floor-Model Color TV; Cherry Pennsylvania House Furniture Includes Windsor Writing Arm Chair; Jenny Lind-Type Poster Bed & Lg. Coffee Table; Misc. Dishes, Pots & Pans Including Selection of Pfaltzgraff "Yorktowne" Stoneware Dinnerware; Etc.

NOTE: IF YOU'RE LOOKING FOR WELL-KEPT QUALITY HOUSEHOLD FURNISHINGS, PLAN NOW TO ATTEND THIS AUCTION. THE MAJORITY OF THE ANTIQUE FURNITURE IS REFINISHED.

TERMS: CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT W/AUCTIONEER OR PRIOR APPROVAL.

Sale by order of Blair Judy, Power of Attorney

FOR IRENE K. JUDY

Auctioneers: Dockey #AU229L, Dockey #AU1683L & Deppen #AU1957L

LEE D. DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
Box 164 Pillow Pa 17080
Phone 717 758-6004

PUBLIC SALE
JUNE 10 — 10:00 A.M.
FOR A. WAYNE & ISABEL ZIEGLER

Directions: On old Rt. 22 east of Bethel about 2 miles, turn right onto Gravel Pit Road, past Kauffman's BBQ about ¼ mile. Or, west of Strausstown, Berks Co., 4 miles to Gravel Pit Road, turn left to auction.

TWO PC. OAK BEDROOM SUIT PAINTED WHITE, ELECT. NORGE RANGE, BLANKETS, SMALL WOODEN STANDS, FLAT TOP TRUNK, OAK BED, TABLE LAMP, MIRRORS, ROCKING CHAIR, BRASS DOOR KNOCKER, WIRE EGG BASKETS, SMOKING STAND, FEED SCOOP, SONITRON MOUSE CHASER, CHRISTMAS ITEMS, POTS AND PANS, JARS, SEARS PET CLIPPER, 4 DRAWER EMPIRE CHEST, EGG SCALE, 12" COLOR G.E. TV, DINETTE SET, SQUARE OAK TABLE WITH ORNATE LEGS, LARGE CABBAGE WOODEN SLICER, CHICKEN CRATES, TWO HOLE CORN SHELLER, STORM WINDOWS, CAST IRON BUTCHER KETTLE, BUG CATCHER, IRON HOG TROUGHS, LIKE NEW CHECK WRITER, ASSORTED TOOLS, GARDEN CULTIVATOR, 2 SHOPPING CARTS, JUMP TRAPS, ELECTRIC HEDGE TRIMMER, BRASS SLEIGH BELLS FOR SLEIGH SHAFT, IRON PLANT STAND, 40' ALUM. LADDER, 20' ALUM. LADDER, AFGHAN, ALUM. ELBOWS, WOODEN ROOF LADDER, OTHER ITEMS.

AUCTION FOR
A. WAYNE & ISABEL ZIEGLER

AUCTIONEER
DWIGHT D. MILLER AU-002414-L
CALL: (717) 933-5736

TERMS: CASH OR PA CHECK

****ATTENTION**** WE PROVIDE A COMPLETE LINE OF AUCTION, FROM SELLING REAL ESTATE, ANTIQUES, PERSONAL PROPERTY, COINS, FARM SALES, FARM EQUIPMENT, CATTLE. WE ALSO DO APPRAISALS OF REAL ESTATE AND ANTIQUES. THINKING OF HAVING A SALE? GIVE DWIGHT D. MILLER AUCTION SERVICE A CALL. I WANT YOU TO HAVE THE BEST SALE POSSIBLE.

569-4264 SANFORD G. LEAMAN AUCTION SERVICE 569-4264
LIC. #AU-532-L
LICENSED & BONDED

PUBLIC AUCTION
OF VALUABLE 61 ACRE BEEF & GRAIN FARM
THURSDAY, JUNE 8, 1989
@ 2:00 PM
LOCATION: 815 KENDIG RD., CONESTOGA TWP., LANC. CO., PA.

DIRECTIONS: South of Lancaster on Rt. 324 to New Danville. Go straight thru at light in New Danville about 1 1/2 miles and turn right on Stoney Lane. Go approx. 1/2 mile and turn left on Kendig Rd. to farm (AUCTION SITE).

This 61 acre m/l beef & grain farm is an ideal Amish farm as it borders an Amish farm. There is a possibility of sub-division as there is 1.1 miles of hard road frontage on Tanyard Rd., Kendig Rd. and Stoney Lane. This farm features excellent level to gentle slope limestone soil. Bank barn, 6A tobacco shed, implement sheds and misc. out buildings including a 3 car cement block garage. There are 3 springs generating plenty of good cold water. The large 2 1/2 story, 4 bedroom farm house features 1 1/2 baths, oak open stairway, family room w/wood burning stove and attached wash house or butcher house. This farm has been in this family for almost 200 years and is being offered to the highest bidder. Farm is in Ag Security area, however, buyer has until August 15, 1989, to remove if desired, but is eligible for Ag Easement payment. You'll want to take time to attend this great opportunity auction. For appt. to see, call Auctioneer at (717) 569-4264. Terms are 10% down on day of auction, with balance on or beefore November 1, 1989.

Sale by:
PHARES C. AND EDITH M. CRAMER
SANFORD G. LEAMAN,
CAI AUCTIONEER
Lic. AU-532-L (717) 569-4264
O. HOWARD MUMMAU, ATTORNEY

Public Auction Register

Closing Date Monday, 5 00 P M
of each week s publication

AUCTION

PUBLIC SALE OF FARM MACHINERY, TOOLS, AND HOUSEHOLD ITEMS

FOR: FRED BROWN
71 Township Line Rd.
Line Lexington, Pa.

SAT., JUNE 10, 1989
AT 9:00 A.M.

Farm Machinery to be auctioned off first followed by HH items. (BE ON TIME)

Farm Machinery: JD 3010 Diesel tractor w/power steering, JD M tractor w/manure loader, single bottom plow, single row cultivators, JD 50 7' sickle bar mower for M tractor, JD 40 manure spreader PTO, 3 pt. JD 3 bottom plow, 8' Krouse transport disc w/cylinder, JD 494 4 row corn planter w/cylinder, 15 disc JD grain drill, New Holland #68 PTO baler w/gas driven thrower, International 5 bar hay rake w/ teeth, bale wagon w/roof, small flat wagon w/ sides, New Idea #10 single row corn picker, JD 40 corn sheller, Parker bin wagon w/roof (for storage), 3 pt. hitch 6' dozen blade, Patz barn cleaner, barn air handling system w/ controls, 3 HP electric motor for barn cleaner, ¾ IIP electric motor, wheelbarrow, wheelbarrow seeder, 275 gal. fuel tank w/pump w/some diesel fuel, approx. 400 bales of hay, approx. 250 bales of straw, ¾ ton utility trailer w/ cattle racks, full size pickup cap, 2 lg. plywood calf pens, portable calf building, 2 hole hog feeder, corn crib (sm. portable), 3 freezers for feed storage, misc. lumber, fence posts (cedar), New Holland 45 hay rake, JD 45 combine, Gehl 2500 skid loader, JD grain drill, New Holland #277 baler w/kicker, New Holland #269 baler w/o kicker, 2 barn fans, 6' snow blow blade (self angler), cultipacker, chicken equip., Aikens 3HP rototiller, work bench, 2 pigeon hole bins, 2 wheel cart for tractor, wheelbarrow, hand tools, metal storage cabinet. **HH Items:** Oriental rug 9'x12', old desk w/lid, chest of drawers, bookshelf, wagon seat toy box, Franklin stove, air conditioner (15,000 BTU), meat slicer, picnic table, refrigerator, gas grill, kerosene heater, fireplace set w/brass screen, and other HH items by sale day.

Terms - Cash or Approved Check
Lunch To Be Provided

RONALD D. FREED, INC.
215-822-0157

Lic. AU-001441L

SAT. JUNE 17 - 9:30AM, Irrigation Equip., Strawberry Equip., Farm Equip., HH, Antiques and Buildings, 5377 Kerger Rd., Ellicott City, MD, in Howard Co., from Rt. 70 take Rt. 29 S, 2.5 mi. turn left on Rt. 103 follow Rt. 103 2.5 mi. to Kerger Rd. turn left, farm 2/10 mi. on right, John Nicolai, owners, Ridgely's Auction Service.

SAT. JUNE 17 - 11AM Carroll's Construction Equipment Auction. Felton, Delaware.

SAT. JUNE 17 - 6PM Arnold's 60th Hog Sale. Crossbred, Duroc, Landrace, Yorkshire. Lebanon Fairgrounds, Lebanon, Pa. Harry Bachman, auct.

MON. JUNE 19 - 7PM, 220 Acres Virgin Perry County Woodland, take Rt. 22-322 West from Harrisubrg to Millerstown Exit, follow signs to Rt. 17 S, go approx. 8 mi. to Dever Hollow Rd., turn left to property 2/10 mi. on left, and TUES. JUNE 20 - 7PM, 100 Acres Cumberland County Woodland, Take I-81 S. from Harrisburg to Eixt 11, take Rt. 233 S. 3 mi. to Southside Dr., turn right, go 1 mi. to Beetem Hollow Rd., turn left 6/10 mi. to property on left, Kerry Pae Auctioneers.

WED. JUNE 21 - 3:30PM, Antiques, HH goods, coins, located along Rt. 322 (Approx. 8 mi. west of Ephrata) Brickerville, Lanc. Co., PA, Harold R. Mohler and Marguerite I. Mohler, owners, T. Glenn Horst and Sons, Aucts.

THURS. JUNE 22 - 9:30AM, HH Goods, Antiques, located in Cochranville, PA, at the Fire House, from Juntion of Rt. 10 & 41 go South of Rt. 10, Marie Whitacre, owner, Steve Petersheim, Auct.

THURS. JUNE 22 - 7PM Commercial RE w/living quarters, along Rt. 209, approx. 1 mi. East of Lykens, PA, Eleanor Mauser, owner, Lee Dockey, Auct.

THURS. JUNE 22 - 7:30PM, 23 Acre Farm, located 2 mi. West of Morgantown, turn South on Red School Rd., off Rt. 23, Caernarvon Twp., Lanc. Co., Jonas & Priscilla King, owners, Horning Farm Agency, Inc., Aucts.

FRI. JUNE 23 - 9AM Equipment Sale at New Holland Sales Stables Inc., New Holland, PA.

FRI. JUNE 23 - 5PM, 2 Day Public Auction of HH goods & antiques, located between Staussburg and Myerstown, 2 blocks off of Rt. 422 at 7 Bungalo St., Millardsville, Lebanon Co., PA, George G. Wagner Est., Dennis F. Wagner, Auct.

PUBLIC AUCTION

MONDAY NIGHT,
JUNE 5, 1989
7:00 P.M.

MACHINERY — HOUSEHOLD GOODS VEHICLES

HAVING DECIDED TO MOVE AND DISCONTINUE MY BUSINESS WILL SELL AT PUBLIC AUCTION:

YANMAR 336 33 HP. 4 WHEEL DR. W/FRONT END LOADER & YANMAR BACKHOE - BACKHOE WILL BE OFFERED SEPARATE AND WITH TRAC., I.H. 574 DIESEL P.S., HI/LOW RANGE TRANSMISSION, 80 CHEVY C-20, 4X4, V-8, 4 SP. W/ MYERS SNOW PLOW ELEC. LIFT - WILL OFFER SNOW BLADE SEPARATE, '71 DODGE POWERWAGON 4X4, 8' FIBERGLASS PICK-UP TOP, DANUSER POST HOLE DIGGER, 12" SHAVER POST DRIVER H D. MODEL 10 FRONT MTD , WOODS 72" ROTARY MOWER (LIKE NEW), 60" YANMAR 3 PT. MTD. ROTO-TILLER, 3 PT. MTD. 7' SCRAPER BLADE, 7½ ' WESTERN SNOW PLOW FOR PICK-UP ELEC. LIFT, 2- 8' YORK RAKES, GRAVELEY PRO-MASTER 19 HP. FRONT MTD. MOWER, 60" COMMERCIAL MOWER KROHLER 2 CYL. W/5 HP. REAR MTD. VACUUM, YAZOO 18 HP TWIN WISCONSIN ENG. W/60" FRONT MTD. MOWER, AJAX GENERATOR 319CC LAWN SWEEPER, ECHO AIR BLOWER BACK-PACK 4500CC, ½ HP. AIR COMPRESSOR, 5 WEED EATERS, AIR FLOAT MOWER, BOSTITCH AIR NAILER 6-16 PENNY, DM 1983 16' FLAT TRAILER TANDEM AXLE 10,000 LB., 1200 SQ. FT. OF COMMERCIAL GRADE FLOOR TILE - MISC TOOLS.

HOUSEHOLD GOODS

4-DRAWER FILE CABINET, CHEST FREEZER, APARTMENT SIZE REFRIGERATOR, PINE DINETTE 2X6 2 CHAIRS, 2 BENCHES, LIVING ROOM SUIT - CANNON BALL ARMS (LIKE NEW) W/SET OF COFFEE & END TABLES, 3 DRESSERS, HAMILTON UPRIGHT PIANO, PORTABLE DISHWASHER, 2 HAIR DRYER CHAIRS, 2 SHAMPOO CHAIRS, 1 HYD STYLING CHAIR PLUS MISC. ITEMS.

TERMS: CASH OR IN STATE CHECK
OR IF EST. W/AUCTION FIRM.

AUCTION ORDERED BY:
MR. GEORGE BEWEL

YOUR AUCTION FAMILY:
NORMAN E., CAROL A., & CHRIS E. HUNTER

AUCTION SERVICE BY:
HUNTER'S SALE BARN, INC.
RT. 276
PHONE (301) 658-6400
RISING SUN, MD 21911

ALL ITEMS HAVE BEEN MOVED TO HUNTER'S SALE BARN, INC. FOR CONVENIENCE OF AUCTION. EQUIPMENT CAN BE VIEWED ALL DAY SUNDAY, JUNE 4TH & MONDAY, JUNE 5TH. AUCTION STARTS MONDAY NIGHT FOR THIS EQUIPMENT AT 7:00 P.M. SHARP. AUCTIONEER NOTE: ALL EQUIPMENT IS VERY CLEAN AND WELL MAINTAINED.

SPECIAL EQUIPMENT SALE

At
New Holland Sales Stables, Inc.
FRIDAY, JUNE 23, 1989
Located 12 Miles East Of Lancaster, Pa.
Just Off Rt. 23, New Holland, Pa.

Consisting of

Tractors & Horse-Drawn Farm Equipment-Supplies-Small Items

SALE OF SMALL ITEMS 9:00 A.M.
Sold Off Wagons or Trucks Only.

FARM EQUIPMENT 10:00 A.M.

A list of your sale items must be in our office by Tuesday, June 13 to be included in our complete listing in the June 17 issue.

For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341.

New Customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks.

NOTE: Next Equipment Sale July 21- 9:00 A.M.
Quilt and Buggy Sale July 25- 10:00 A.M.

COMPLETE LIQUIDATION AUCTION

FOR SEECO TRUCKING & TRAILER REPAIR INC.
SPRING CITY, PA.

Corner of Rt. 724 and Bridge Street
(Better known as Jones Motor Trucking Complex)
8 miles west of Valley Forge, Pa.-
7 miles east of Pottstown, Pa.

TUES. & WED. JUNE 13th & 14th, 1989
at 10:00 A.M.

EQUIPMENT, TOOLS, & MISC.- Thermal-Arc PAK Plasma Cutting System, Pedestal 12" Grinder 3 phase, 2 hp, Bolt bins & contents, Cabinets w/tools, High Pressure Alemite Spraying Undercoating Trailer System, 8" small pedestal grinder, truck fuel tanks, brooms, shovels, dozens of jack stands, 8 ft. Light stand, Miller Matic 35-S Mig welder, Cabinet w/ welding rods & supplies, assorted air hoses, assorted bar clamps, Railroad jacks, 6 Acetylene Burning Units w/Customer owned tanks, bench grinders, bench vises, assorted pry bars w/ stands, Cabinets w/rivets, bolts, etc., bottle jacks, Hessfeld Iron worker, Iron working table w/rotating table on top, Bin w/sheet metal, metal band saw w/36" throat 3 phase, 2 hp, American Saw Mill Machine wood band saw 29" throat 5 hp 3 phase, Everett 14" Abrasive Cut off Saw w/angle attachment 7½ hp w/exhaust system, Niagara 48" Jump Shear, 8' sheet metal brake 14 gauge, 4, 6, & 10 ton Porta Power Units, Waver Tool Co. frame drill w/ Millwaukee ¾ " electric drill motor, assorted Come-a-longs, Royersford Mfg. & Tool Excelsior 22" Drill Press, drill stand w/assorted taper shank drill bits, air power grease pump, Kamas parts washer, Gray TNT 550 5 ton Air truck Jack, Gray 7 ton Air lift, 36" Eye Beam w/vise, Black Hawk Dual Wheel truck dollies, 6001 Battery charger, Light testing Caddie, Skill Radial Arm saw Model 450 5 hp 3 phase w/bench, Storage racks w/truck flooring, bars, body siding, aluminum ribs, Bradford pedestal grinder 12" 3 hp, approximately 100 air powered hand tools-sanders, grinders, sprayers, drills, etc., 2 Champion portable space heaters, crank shafts, Cam shafts for I.H., Kwick Way Value Grinding Machine, Overhead elec. hoist 3 phase 1 ton w/track & eye beam, Acco 150 ton hydraulic press w/press accessories, truck radiators, Autometer SB-5 battery tester, 2-Lempco truck clutch installers tools, Clutch facing & brake riveting air machine, transmission rebuilding stands, front end alignment equipment, Yale Fork Life (apart), Ruger Hydraulic truck engine crane 3 hp 6000 lb. cap., Fort Lift Service Ramp, Snap On MT665 Engine Analyzing System w/Oscilloscope (like new), Vac-Sweep, assorted punch press die sets, etc.

PAINT & BODY ROOM- Hydraulic Cab straightening device, roll of Tyvac & Dispenser, assorted ladders, steps, etc., assortment of body working tools, chains, Alemite Moisture Dryer & Regulator Unit, Body Putty w/dispenser, cabinets full of paint, sprayers, sanders, grinders, portable exhaust fan, paper dispenser, gas powered Road Runner Paint Striping machine, respirator pumps, etc.

MACHINE SHOP EQUIPMENT- Beuhler Ltd. 16" Diamond stone Cutting Machine, air tools, 13" South Bend Lathe flat belt driven, Cincinnati Model 2 HOR Mill w/Bridgeport attachment, Barrett Gap Bed 14" lathe 60" between centers w/chucks & tooling, Graham Model RZ Universal Milling Machine, Cincinnati Model 35 HOR Milling Machine w/ Bridgeport attachment, assorted machinist tools & equipment, 18" Monarch lathe w/quick change extra chucks & parts, BTU Engineer Auto heat testing 4 zone furnace w/4" conveyor belt, etc.

PARTS INVENTORY- Parts Bin Inventory to be sold as entirety stocked w/all new parts such as nuts, bolts, filters, lights, starters, generators, alternators, etc.

TOOLS & MISC. EQUIPMENT- Lg. Hot Dip Tank (holds 2 truck engines), threading machine, Kwick Way engine boring stand, utility racks, Royersford Excelsior Cut off Saw Model 2A, Lodge & Shipley Lathe 20" swing w/quick racks, Lincoln Model AC 180 Arc welder, Anvil 150 lbs., Dake Hydraulic Press Model 50H, 15" Walker-Turner drill press floor model, Sun 620 Generator-Alternator test stand, Clark Bro. Speedor Test Machine, Sioux Value grinder, Kwick Way Value seat installing machine, Crescent 5 hp 3 phase 16" Joiner, 10" Rockwell-Delta heavy duty table saw 3 phase, 24"x6" heavy duty planer w/7½ hp motor, heavy duty Block & Falls, Ingersoll-Rand Impact wrench, portable Abrasive Cut off Machine 8½ " gas powered, Quik lift elec. chain hoist, never used 400 amp Generator Testing station ideal for lg. bus generators, Model 650 Hotsy Steam Cleaner, 19' Extendo Boom for Fork lift 18,00 lbs., trailer full of assorted motor oils, grease, etc.

JUNE 14th.

OFFICE FURNITURE- Office Desks, 25 Assorted Filing Cabinets, Tables, Adding Machines, Typewriters, Chairs, Lockers, Simplex Time Clocks & Card Racks, Motorola Communication System (Base & Portable Units) Logistic Files, Office related supplies, Utility Cabinets, Microwave Oven, Etc.

VEHICLES- 1976 Olds Delta 88 Royale Auto, 1981 Chevy Caprice Classic Auto, 1978 Chevy Utility truck, 1962 GMC 1000 gal. tank Truck, 1965 Ford Stake Body F350, 1957 Mack B61T wrecker, 1965 Ford Dump truck F600, 1969 Ottawa Jockey truck, 1969 Mack U-Model wrecker, 1969 Green Dump truck, 1956 Mack Dump truck, 1958 Mack Dump truck.

TRACTORS- 1972 IHC 4370 single axle, 1974 Ford C600 Straight truck, 1972 Ford (LN 8000 truck Chassis, 246 WB).

TRAILERS- 19-45 ft. trailers-Budd, Fruehauf, & Strick, 19-40 ft. trailers-Strick, Fruehauf, 2 flatbed trailers--all w/current inspections. Also 15 miscellaneous trailers various sizes & makes, plus several truck bodies ideal for storage. Also a 45 ft. Office trailer w/a 28 ft. Annex-fully equipped, paneled, with rugs and insulated.

GRADING EQUIPMENT- Huber Little Roller, Buffalo Springfield Big Stone Roller 12 ton, Schramm 125 CFM air compressor (4 cycle 4 cylinder), 200 lb. Sand Blaster, Drag type Paving Box, salt spreader, side delivery rake, etc.

TRUCK ENGINES & MOTORS- Mercedes truck engine, rebuilt fork lift engines, Caterpillar 3208 engine, Ford V636 engine, Diesel engine by Caterpillar, Mack engines, used Caterpillar engines, block heads, parts, 3 Allison transmissions, etc.

TRUCK TIRES & EQUIPMENT- New & Used tires- 10x22.5, 11x22.5, 11x24.5, 900x20, 1000x20, also Budd rims, manual auto tire changer, radial tubeless tire inflation tank, Royal Industries Bishman Truck Changing Machine Model 931A, tire inflator cage, tire repair material, tubes, repair tools, brake shoe cores, parts bin inventory of brakes, linings, shoes, springs, etc., Stemco Hub Cap Seal Drivers, bead expander, etc.

TRUCK MANUALS- Complete sets of truck manuals for diesel & gas engines-all makes & models, truck parts, etc.

INSPECTION- Monday, June 12th from 9 to 4, and day of sale.

TERMS- Cash or bank letter of guaranteed funds for this auction from your bank.

SEND FOR DETAILED BROCHURE.

HESS & MOYER
AUCTIONEERS
Box 187, Spring City, Pa. 19475

Clay C. Hess — **Richard J. Moyer**

215-948-8050

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI. JUNE 23 - 1.30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511.

FRI. JUNE 23 - 7PM, 112 Acre Farm, Snyder Co., PA at Mill Rd , RD 1, Mt. Pleasant Mills, PA 17853, take Rt. 11/15 north from Harrisburg to left turn at Rt 104, and go 3 7 mi. on Rt. 104 to left turn onto Mill Rd. at Meiserville Inn and go ½ mi. to farm, Bob and Tom Sechrist. Auctioneers.

SAT. JUNE 24 - 9AM, Real Estate, Antiques & Collectibles, HH Items, Misc., S. Main St., Berrysburg, PA, along Rt. 225, Estate of Mark J. Sultzbaugh, Lee D. Dockey, Auct.

SAT. JUNE 24 - 9AM, Antiques, collectibles, personal property, on Monument Rd., York, PA, approx. 3/10 of a mi off South George St., turn at Apple Hill Medical Center, over Grantley Rd. to auction site in York Twp., formerly the Mary E Shive Farm, John M. Houck, owner, Jacob A. Gilbert and Brian L. Gilbert, Aucts.

SAT. JUNE 24 - 9AM, Antiques, primitives, collectibles, along Rt. 501, 3 mi. south of Bethel, PA, Berks Co. or 7 mi. north of Myerstown, along Rt. 501, east of Frystown, Joe and Shirley Strohm, owners, Dwight D. Miller, Auct.

SAT. JUNE 24 - 10AM, Personal property, antiques, furniture, located from Blue Ball taek Rt. 322 E. approx. 3 mi , turn left on Bndgville Rd., go approx. 2/10 mi. to property on left, East Earl Township, Lanc Co , Susie M Garman, Kline & Kreider Auctioneers

SAT JUNE 24 - 10AM, Real Estate and Personal Property, located along Spring Grove Rd., between Goodville & Terre Hill in the Village of Union Grove; from Rt. 23 in Goodville turn at Apache Dealer & follow Spring Grove Rd. approx. 3 mi. to property; East Earl Twp., Lancaster Co., Terms by, Edna S Horning & Mary S. Lehman Trustees of the Elva S. Huber Estate, John M. Huber Property, Horning Farm Agency, Inc., Aucts.

PUBLIC AUCTION

ABSOLUTE AUCTION

Real Estate Will Be Sold To The Highest Bidder Without Reserve On

SATURDAY, JULY 1, 1989

AT 11:00 A.M.

Along Rt. 25 in the Village of SPRING GLEN, SCHUYLKILL CO., PA.

300 FEET FRONTAGE COMMERCIAL PROPERTY

28 Ft. x 44 Ft.

Concrete Basement, EFM Stoker Hot Water Heater, Well & Septic.

FOR INSPECTION CALL: (717) 425-3313

Arrange Your Financing! Be Prepared To Bid & Buy This Property That Will Be Sold To The Highest Bidder Without Reserve!!!

JAMES P. DIEHL, ESQ.
HUGH F. JACKSON, OWNER
WILLIAMSON, FRIEDBERG & JONES

DEIBERT:
Mike, Auctioneer AU-1599-L
George, Realtor & Auctioneer AU-209-L

ABSOLUTE AUCTION

Tuesday, June 13, 1989 at 9:30 AM
Inspection June 12, at 9 am - 4 pm

RAINBOW EQUIPMENT DIVERSIFIED AUCTION
436 D Rosedale Rd. Quakertown, Pa. 18951
(215) 538-1945 or 538-1946

DIRECTION: **FROM Exit 32 (Quakertown) of the Northeast Extension of PA Turnpike, North on Route 663, approx. 1 mile to 1st light (Allentown Rd.), Left on Allentown Rd., approx. 2 miles to Rosedale Rd., Right on Rosedale Rd. approx. 1 mile to site of sale (Watch for auction signs from Turnpike).**

FORKLIFTS, MACHINERY AND MATERIAL HANDLING EQUIPMENT, APPROX. 100 FORKLIFTS TO BE SOLD! PARTIAL LISTING...

FORKLIFTS - CATERPILLAR- 18,000 lbs Model BHF 180-87R152 with cab, rebuilt engine with warranty; (5) CROWN nder pallet trucks 60PE; YALE G51C040, Cont. engine, 83" triple; BAKER 7,000 lbs Electric; YALE MC20 Walkie; ACC40, 75"-171" triple; TOYOTA 6,000 lbs. Duel wheel Pneumatic triple, side shift; PETTIBONE 502S, 77"-171" triple; RAYMOND 821E3RTT, 83"-180" triple; RAYMOND E2SRTT, Side loading reach, triple; CLARK 10,000 lbs solid tire; HYSTER H300A, 138"-144" lift with cab, side shift, 92" forks; CASE skid loader Model 1840 Bucket & Forks; BAKER XRT4, triple; BAKER FTD 100; CLARK C500-40, 1984, 83"-140"; CLARK CY25B 71"-106"; CROWN 30SPC-S triple; HYSTER H25E 83"-130"; HYSTER 1,500 lbs; YALE GLC30, triple; Crown 30SP48, Order Picker; AC FE50 triple; DATSUN P7, 8,000 lbs Pneumatic; (6) Paper roll clamps; Barrel clamps rotation; Lots of forks; Push Pull Attachments; Silent Hoist 15,000 lbs Pneumatic; (20) Battery Chargers.

TRUCKS- TRAILERS- TRACTORS- 1977 GMC Astro Tractor, twin axle; 1979 Chevy with 22 ft. Jor-Dan tilt body; 1987 DUTY TRAILER 20,000 lbs cap., 20 ft. with dove tail, gooseneck; GOOSENECK dove tail trailer; 1986 RENAULT ALLIANCE DL; 1980 GMC S-15 Pick Up, 4 speed, V6; CASE Farm Tractor, 3 point with ackle bar, gas engine; MASSEY FERGUSON 135 Diesel Farm Tractor, 3 point hitch; 1968 MACK Single axle; 1981 24 ft. Jor-Dan body; 1975 INTERNATIONAL Single axle with 20 ft. Swartley body; 1980 LANDOW 45' Trailer 12,500 lbs Winch; CUB CADET model 125 Tractor.

MACHINERY- MACHINE SHOP EQUIPMENT- SHOP EQUIPMENT- MISC.- (3) MILLER 500 amp 1 phase Welders; (2) MILLER 3 phase Welders; MILLER 250 amp Welder; MILLER 300 amp TIG Welder; WALKER tuner drill press; 1 Horsepower I.R. AIR COMPRESSOR; TOOL MAKER LATHE; FIELD LATHE; PORTA POWER; C Clamps; SCOTTMAN 100 amp DC Gas Wewlder; 400 ft RAPID Stand 18" Power Conveyor (Like New); ASST PALLET RACKING; EMPIRE sand blast cabinet; BANDING Tools; Metal storage racks; Lockers; REMINGTON Stud Gun; RECOR 12 HP High speed metal cutting SAW; 3 100KVA 1 phase Line transformers; WELDING SUPPLIES and EQUIP. LOTS of PARTS USED and NEW; OFFICE EQUIP.; (4) STORAGE SHEDS (NEW) 8x10; Devilbiss Electrostatic Spray outfit; General 4,00 Watt Generator; Drills; Tool holders; Tooling; 5 HP AIR COMPRESSOR 220 phase; 30 Ton Shop Press; Cherry Picker; 13½ " VERTICAL AND HORIZONAL BAND SAW; (2) Shop Heaters; OSTER 2" Pipe Threader w/1 phase and MUCH MORE.

TERMS OF SALE - CASH, CASHIER'S CHECK, COMPANY CHECK WITH ACCOMPANIED BY A BANK LETTER OF GUARANTEE.

AUCTIONEER'S NOTE: Information is thought to have come from reliable sources. However, announcement made by the auctioneer at the time of sale take precedence over printed material.

JOSEPH P. SMALLEY, JR.-
Auctioneer Lic. Pa. 001436L
Quakertown, Pa. Phone (215) 536-5453
CALL FOR INFORMATION AND LET US KNOW YOU ARE COMING
"LUNCH ON SITE"

PUBLIC SALE

OF 23 ACRE FARM

THURS., EVE., JUNE 22,

@ 7:30 P.M.

Located 2 mi. West of Morgantown. Turn South on Red School Rd., off Rt. 23, Caernarvon Twp., Lanc. Co.

Farm consists of 23 acres; 2½ sty. stone farm house w/kit., dining rm., & liv. rm., 4 bedrms. & 2 baths; 2 car attached garage.
-New 40'x100' bank barn w/open stables.
-12'x65' stave silo.
-Corn & Eqiup. shed.
-Old stone 3 sty. mill.
-36'x300' chicken house & equip. (25,000 capacity).
**Buildings are in excellent cond., 21 acres tillable, good productive soil.

Conditions: 10% down day of sale; settlement on or before March 15, 1990.

Inspection: Anytime by appointment.

Terms by:

Jonas & Priscilla King
HORNING FARM AGENCY, INC.
Alvin Horning #AU-000433-L
Main St., Morgantown, PA 19543
215-286-5183

LOCATION * LOCATION * LOCATION

AUCTION

REAL ESTATE

& FINE RESTAURANT EQUIPMENT
CONWAY'S SANDWICH SHOPPE & ICE HOUSE
Strategic Area of Rts. 422 & 100 Expressway Development
KING & MANATAWNY STS.
POTTSTOWN, MONTGOMERY CO., PA

MONDAY, JUNE 12

Equip. - 10 AM R.E. - 12 Noon

Less than 1 Mi. to Rts. 422 & 100 Pottstown/King of Prucsia Expressway, Tri-County Business Campus, Municipal Airport, Coventry Mall, Pottstown Plaza, 1 Blk to 422 Business Route.

REAL ESTATE - A-1 CONDITION! ZONED C-3, PERFECT FOR MANY USES * 3 Sty. Brick & Masonry 12,000 Sq. ' * Restaurant seat 82 * Paved 45 Space Parking * Ice House/Storage Facility * Access from 3 streets.

EQUIPMENT - Like New * State of the Art Stainless Steel. Huge inventory of every type & description: Ansal 7" Exhaust & Fire System-Never Used, Wolf 6 Burner Stove, Double Oven & Grille-Like New, Bally 22x28 Walk-In Freezer, Walk-In Refrigerator 16'x8', Market Forge Shelving, Monarch Ice Crusher, Kramer Ice Compressor, 2 Kramer Blowers, Complete Doughnut & Pie Making Systems, Work Tables, Warmers, Steamers, Booths, Tables, Stools, 48 New Maple Captain's Chairs, Exhaust Fans, Toastmaster Warming Oven, Soda Fountain, Stainless Steel Shelving & Bins, 2 Frymasters-mdl. 7, Fat Savers, Grille w/2" Steel Plate, Refrigerators, Sinks, Slicers, Toaster, Steam Table Units, Counter & Display Cases, NCR Cash Register, Bain Marie, 2 Commercial Microwave Ovens, Cutlery, Utensils, Chinaware, Cookware, Chopper, Potato Peeler, Dishwasher. Other: 10 Railroad Ties, Snapper 8 Riding Mower, 4 Steel Doors, Black Leather Wet Bar, Baseboard Radiation, Alum. Roof Coating, Plus Much More!

TERMS: CASH or Approved Check.
Inspection: MONDAY, JUNE 5, 2-4 PM
R.E. TERMS: 15% Deposit Settlement Within 60 Days Subject to Confirmation. Broker Co-Op Invited
For Info/Color Brochure Call

KENNETH A. GEYER AUCTION Co. Inc.
SUITE 102 • 661 WEST GERMANTOWN PIKE
PLYMOUTH MEETING, PA. 19462 • LIC AU-332!
(215) 834-1854 • Pottstown 326-3856

PUBLIC AUCTION

OF COMMERCIAL REAL ESTATE W/LIVING QUARTERS

THURSDAY, JUNE 22, 1989

7:00 P.M.

LOCATION: Along Route 209, Approximately 1 mile east of Lykens, Pennsylvania.

KNOWN AS ELLIE MAE'S ICE CREAM STAND - situate in Wiconisco Township, Dauphin County, having a frontage along Route 209 of 150', more or less, and a depth of 86', more or less....1-STORY FRAME BUILDING W/KITCHEN, SERVING & SEATING AREA, HALF-BATH & STORAGE ROOM W/WALK-IN COOLER...EQUIPMENT INCLUDES 2 Automatic Stainless Steel Soft Ice Cream Machines, York Automatic Master Whip Custard Machine, Taylor Model B341-12 Slush Machine Chest-Type Freezer, Upright Freezer, Refrigerator, Roper Gas Stove, Mason Gas Grill, Hotpoint Electric Deep Fryer, Kelvinator 4-Lid Ice Cream Deep Freeze, Dip-Top Warmer, 5-Unit Multi Mixer Milkshake Machine, Amana RadarRange Microwave Oven, Whirlpool Ice System, Sharp Model ER-1564L Electric Cash Register, 3 Square Restaurant Tables, Hotpoint Air Conditioner (new), Warm Morning Gas Heat and Window Air Contidioner.

ATTACHED LIVING QUARTERS to the rear of the Ice Cream Stand consist of LIVING ROOM, BATHROOM & BEDROOM W/CLOSET on the first floor, KITCHEN, DINING ROOM, BEDROOM & HALF-BATH on the second floor. For additional information or inspection phone 453-7796, 236-8521 or 758-6004.

TERMS: 10% DOWN. FURTHER TERMS AND CONDITIONS TO BE GIVEN DAY OF SALE.

ELEANOR MAUSER,
Owner
Terrence J. Kerwin
Kerwin & Kerwin, Attorneys
Auctioneers: Dockey #AU229L,
Dockey #AU1683L &
Deppen #AU1957L

AUCTION

Woodworking Equipment
Architectural Mill Shop
530 Ways Lane, Kennett Square, Pa.
Saturday, June 10 at 9:00 A.M.

Inspection: June 9, 10:00-2:00 and morning of sale, 8:00 A.M. Travel directions: From Route 52 and Route 1, proceed south on Route 1 to first Kennett Square exit. Follow road toward Kennett Square to Walnut Street. Make a left, go to Ways Lane make left. Watch for signs.

Machinery:

* Cassedi F-120 Shaper- tilting arbor. tenoning table, spindles (3/4"-1 1/4"), 2 years old; * 16" Powermatic Planer; * DoAll Band Saw- 18/36" throat w/radius attachment; * 14" Walker Turner Bandsaw; * 20" Yates American Jointer; * 12"-14" Delta Table Saw; * 16" Dewalt Radial Arm Saw- Long arm; * 12" Dewalt Radial Arm Saw; * Duplicarver (one station); * Wadkin Over Head Pin Router; * Workrite 4000 Ultrasonic Gluer; * Spindle Sanders; *Black & Decker Panel Saw; * Jig Saws (2); * 8" Table Saws (2); * 4" Jointer; * Steff 3 Roll Feeder and 4 Roll Feeder; * 15 HP Cincinnati Dust Collector; * Hand Routers- Porter Cable- 1/2", 3 Hp. Makita- 1/2", 2 Hp.; * Belt Sanders - Makita 4"x24", Porter Cable 3"x24"; * Power Planer- Makita 6⅛ ".

Cutter Knives: 200 sets.

Saw Blades: 16" carbide blades.

Lumber: 2000 board feet consisting of 8/4 Basswood, 8/4 Iroko, 8/4 White Ash, 12/4, 8/14, 4/4 Black Walnut, 12/4, 8/4, 4/4 Osage Orange, 10/4, 8/4, 4/4 Oak. Other Woods: Poplar, Luaun, Central American Mahogany, Birch, Maple, & Plywoods.

Antique Architectural Items:

* Old shutters and hardware. Gothic Window Sets; * Fireplace mantle, pot belly & parlor stove.

Miscellaneous

* Clamps- over 100 pipe, C, parallel, corner/miter, lumber carts, conveyors, electric supplies, plumbing supplies, office supplies, many more items.

Note: The Auction is located only 5 minutes from beautiful Longwood Gardens. Food available.

DIEFENDERFER BROS.
Auction Company
Auctioneers — Appraisers — Liquidators
(215) 322-8707
RY 00005-L

PUBLIC SALE

ANTIQUE AUTOMOBILE

SATURDAY, JUNE 17, 1989

AT 9:00 A.M. SHARP!

LOCATION: Midway between Dillsburg & Gettysburg, PA on Interstate Route #15. Turn North on Route #94 in Village of York Springs to Yeagy's Truck & Auto at 520 Main St. (Rt. #94).

1959 FORD THUNDERBIRD, 2-door with V-8 Engine, Air conditioning, 69,365 Actual miles, Clean leather upholstery, Bucket seats with console, No rust, good rubber, BLACK "A" Title. A fine collectors item.

TERMS: Cash or certified check.

ANNA C. BATEMAN ESTATE
CAHILL, CAHILL & LYNCH
John J. Cahill Jr., Executor
CLAIR R. SLAYBAUGH, Auctioneer
PA Lic. #856L Phone: 717-677-7479

Amos H. & Verdna G. Weidman

ABSOLUTE PUBLIC AUCTION

Outstanding 23-Acre Manor Township Farmette

Farm Machinery, Antiques, Household Goods, Coins

SATURDAY, JUNE 17, 1989

Starting at 8:30 A.M.
Coins 9:30 A.M.
Real Estate 1:00 P.M.

Farm Machinery To Be Sold First Followed By Household Goods

Located at R.D. #2, Columbia, PA along Seitz Road
Take Route 30 west of Lancaster, Pa. to Prospect Road Exit. Go South on Prospect Road to Seitz Road to Auction Site.

REAL ESTATE TERMS: 10% Down Day of Auction, Balance Within 45 Days.

ATTORNEYS: Blakinger, Byler, Thomas, M. Elvin Byler 717-299-1100.

OPEN HOUSE DATES.
Saturday, May 13, 12:00-3:00 P.M.
Saturday, May 20, 12:00-3:00 P.M.
Saturday, May 27, 12:00-3:00 P.M.
For Additional Appointments Call 717-285-5858

REAL ESTATE FEATURES

Zoning R-I

Approximately 23-acre farmette located in Manor Township with road frontage along Seitz Road and Manor Church Road.

2½ -Story brick and frame farm house.

3 Bedrooms, 1 with outside balcony; Semi-modern kitchen (large) with adjacent family room with built-in corner cupboard. Living room; Dining room; Full bath; Laundry or summer kitchen area; Oil-fired hot water heat; Well water, septic system; Full basement with outside entrance; Full attic.

OTHER BUILDINGS

Large frame bank barn with many additions; Situated for cattle and hanging; tobacco with tobacco cellar; Large amounts of storage area with hay and straw, etc.
Enclosed pasture for sheep or cattle
Mature shade with nice landscape
(2) 50' Road frontage rights off Seitz Road and Manor Church Road

Farmette has many possibilities for development or a great small Lancaster County farm, ideal for horse and cattle farm. Land is presently being farmed with corn and alfalfa crops.

Auction For:
Amos H. & Verdna G. Weidman
717-285-5858

Terms: Cash or Approved Check
Food Served By: Farm Women
Auction Conducted By The
J. Omar Landis Auction Service
Jay M. Witman AU0001127-L
Box 501, Apple & Robert Sts.
Ephrata, PA 17522
717-738-7920 or 665-5735

Absolute Auction

Real Estate & Personal Property

Saturday, July 15, 1989

Personal Property At: 10:00 A.M.
Real Estate At: 1:00 P.M.

Location- 1275 Valley Rd., Westwood, Coatesville, Pa.

House- 1½ Story Frame Structure With All Alum. Siding & Soffit, Oil Hot Water Heat; Well On Site & Public Sewage. Situated On A Lot 82 Ft. By 120 Ft. More Or Less In Valley Township, Chester County, Coatesville School District.

1st Floor- Kitchen, Liv. Rm., Bedroom & Full Bath, Upstairs- Two Bedrooms, Outside- Metal Storage Shed.

Inspection Of Real Estate By Appointment Only. Call (215) 857-3942 Or 857-2149. 10% Down Day Of Sale. Cash Or Certified Check. 60 Day Settlement On Or Before. Personal Property Listing At A Later Date.

Sale By:
Wm. Grier
Kenneth Griest &
John Stoltzfus, Auctioneers
Lic. #AU-001270-L
Lic. #AU-001728-L

BOB & TOM SECHRIST
Auctioneers
Total AUCTION Service

— 112 ACRE FARM —

SNYDER COUNTY, PA.

FRIDAY EVE., JUNE 23, 1989
7:00 P.M.

On the premises at Mill Road, R.D. #1, Mt. Pleasant Mills, PA 17853. Take Rt. 11/15 north from Harrisburg to left turn at Rt. 104, and go 3.7 miles on Rt. 104 to left turn onto Mill Rd. at Meiserville Inn, and go ½ mile to farm.

— THE FARM —

Beautiful rolling fields of fertile Weikert-type soil. Approx. 85 acres tillable and 25 woodland. Separate never-failing springs supply the house & barn. The fine trout stream "Mahantango Creek" flows by the pasture. Ideal set-up for crops or livestock.

— THE IMPROVEMENTS —

The home has been extensively remodeled. The exterior has solid cedar clapboard siding and all new windows and doors. Inside, new wiring, plumbing and plaster set the stage for the finest of amenities. A new first-floor wing houses the spacious eat-in kitchen with pointed stone fireplace, all new cabinets and appliances and DuPont Corian countertops. Natural-finish plank floors. 3 immaculate new bedrooms on second floor. All new exquisite bath with double Corian vanity and ceramic tile. Basement stone walls pointed inside and out, and a huge stone fireplace.

The barn is a huge T-shape, structurally sound and suitable for any farming enterprise, but needing some cosmetic work on the exterior. All the care and love have gone into redoing the house, thus far. Other outbuildings as well.

— THE OUTLOOK —

Perfect for the Gentleman Farmer, the Horselover, the Sportsman, or the Developer. The quality and beauty of the dwelling qualifies if for any purpose from Country Estate to Hunting Lodge. The conturs of the land lend themselves to several large subdivisions. No zoning in Perry Township. Snyder County planning/zoning is very liberal and helpful at this time. COntact Snyder County Planning Commission, Middleburg, PA.

— REASON FOR SELLING —

The owners will be joining their son in a dairy farming operation in another county.

TO INSPECT: Phone the owners, Roger and Diane Gray at (717) 539-2435 for an appointment. Open House dates: Sunday, May 28 and June 4 and 18, 1:00 to 4:00 P.M. For color brochure, phone the Auctioneers at (717) 382-4379 or 244-2875.

TERMS: A down-payment of $25,000 is required on day of auction in cash, certified check, or personal check accompanied by a letter of credit from buyer's financial institution, designating this auction on this date. The balance is due, in full, on or before August 23, 1989.

BOB & TOM SECHRIST, AUCTIONEERS
Lic. Nos. 820 & 821
PHONE (717) 382-4379 or 244-2875

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

SAT. JUNE 24 - 10AM, Equipment and building supplies, guns, boat and motor and hay, located from Duncannon, follow Rt 322 West to the Watts Exit, at the bottom of the exit ramp turn right onto Huggens Rd. follow this road 3 mi to sale location, Glen Smithgall, owner, Ed Shull, Auct.

WED. JUNE 28 - 10AM, Real Estate, furniture, collector plate & bottles, china and glassware, 83 Blaine Ave., Leola, Lancaster Co., PA, Fulton Bank Agent for Mrs. Mildred Espenshade, T. Glenn Horst and Sons, Aucts.

THURS. JUNE 29 and FRI. JUNE 30, Large Two Day Sale of Farm Equip. at Marion, PA, Ralph W. Horst, Sale Manager.

PUBLIC AUCTION

***** SATURDAY, JUNE 17, 1989 8:30 AM *****

REAL ESTATE (12:00 NOON) - EARLY AMERICAN ANTIQUES
PRIMITIVE ITEMS & COINS
(OFF 2ND & 3RD FLOORS OF HOUSE)

LOCATED: Off Rt. 30 West of York, PA, 1 Mile Off 4 Lane Bypass, Turn South on Rt. 616, Go 200 ft. & Turn Left on Woodberry Rd., Go 1½ Miles to Farm on Right. Follow Sale Signs.

REAL ESTATE 12:00 NOON

PARCEL #1 - 168 Acres ± of York County Fertile Land in West Manchester Twp., York County, PA, West York School District, Zoned Agricultural. Improved w/a Large 3 Story Colonial Brick Farm House w/15 Rooms & 10 Fireplaces w/ Captain Look-Out on Roof of House. Brick Tenant House w/Kitchen, Living Room, 1 Bedroom on the 1st Floor & 2 Bedrooms & Bath on 2nd Floor. Baseboard Hot Water Heat. 5 Room Log House in Need of Repair, Limestone Spring House, 3 Car Frame Garage, Large Frame Barn, Corn Barn & Other Out Buildings. Main House is in Very Good Condition, Built in 1856 w/4 Rooms on 1st Floor, Large Country Kitchen w/Fireplace, Dining Room w/ Fireplace, Parlor w/Fireplace & Living Room w/2 Fireplaces. Closed Stairway from Kitchen to 2nd Floor, Large Open Hall off Living Room w/Open Stairway to 2nd & 3rd Floors. 5 Bedrooms on 2nd Floor with Fireplaces in Every Room and Bathroom. 4 Rooms on 3rd Floor. This Home was Never Remodeled Except for Bathroom, Electricity & Furnace, Natural Woodwork is in Original Condition. There is road frontage on Woodberry Rd. & York New Salem Rd. Approximately 130 tillable acres, presently in cultivation. The 1989 crop has been planted. This farm is in a good producing area of York County.

AUCTIONEER'S NOTE: This is an attractive working farm that could be used for a beef cattle operation, horse farm, or general farming. The Colonial brick farm house would make a beautiful Bed & Breakfast. Located only 2 miles west of York & only 1½ miles off Route US 30, this property should be seen to appreciate.

PARCEL #2 - 1 Room Brick School House Remodeled into a Single Family House on Approx. 6/10 of an Acre with Road Frontage on Woodberry Road, and in a Wooded Area. West Manchester Twp., York Co., West York School District.

TERMS: 10% DOWN, BALANCE IN 60 DAYS FROM SALE DATE.

EARLY AMERICAN ANTIQUES & PRIMITIVE ITEMS

Cherry Chippendale 3 Over 2, Over 4 High Chest of Drawers w/Quarter Round Fluted Corners & O.G. Feet, Beautiful Inlay Swiss Music Box Playing 10 Tunes (All Teeth Perfect), Several Quilts, Counterpanes, Soft Wood Blanket Chests, Lot Steamer Trunks, Walnut Night Stand w/Drawer, Cherry Dropleaf Table, High Back Oak Bedroom Suites, Cane Seated Rocker, Mahogany Dressing Table & Bench, Cedar Chest, Vintage Clothing, Chifforobe, Old Shawls, Large Lot Good Baskets, Oval Marble Top Table, 2 Child's Rockers, Lot Books, Clocks, Picture Frames, Prints & Paintings, Large Lot Early Christmas Decorations, Feather Tree, Wicker Chair, Oak Sewing Rocker, Decorated Stone Jug & Crock, Spinning Wheel, Barrel Butter Churn, Wood Butter Bowl, Victorian Sideboard w/Mirror, Rugs (Some Possibly Oriental, as they are rolled up), Graniteware, Several Fireplace Panels, Very Early Pine Farm Table, Sheet Music, Etude Magazines, Oak Press Back Hi-Chair, Sterling & Plated Flatware & Serving Pieces, Quilting Frame, Rope Bed, Golf Clubs, Wood Barrels w/Wood Straps, Banquet Light Base, Chippendale Type Mirror, Wall Hanging Imari Plate, Pine School Master's Desk, Single Oak Bed, Large Lot Adv. Cards, Single Barrel .12 Ga. H&R Shotgun, 32 Cal. H&R Revolver, 21 Cal. Defender 89 Revolver, 32 Colt Police Positive Revolver in Mint Condition, Cook Stove, Dishes, Bric-A-Brac, Phoenix Bird China, Flow Blue in Waldorf Pattern, Blue & Gray Granite, Lot Gold Overlay Nippon CHina, Sunkist Milk Glass Lemon Squeezer, Copper & Brass Items, Cloisenne, LOT JEWELRY - Ladies Lapel Coin Silver Elgin Watch with Oin & Slide Chain, 3 Men's Watches, Some Very Fine Victorian Necklaces, Victorian Inlay Pins, Bracelets, Beads, Etc., Men's Studs, Beautiful Ivory Carved Hari-Kari Knife, Coins, 14K Diamonds & Emerald Ring (Two European Mine Cut .40 ct. Diamonds & ¼ ct. Emeralds), Men's Jewelry, Watch Fobs, Sterling Silver Change Purse & Cigarette Case, Rings, ¾ ct. Diamond Ring Signed Tiffany, 14K Ring w/2 - ½ ct. Diamond & ½ ct. Emerald, Man's Six Prong Claw Mounting w/Approx. .70 ct. Old Mine Cut Diamond, Lady's Six Prong Tiffany Mounting with Approx. .75 ct. Old Mine Cut Diamond, Lady's White Gold Antique Style Mounting Stamped 20K w/ Approx. .25 ct. Diamond & 8 Sapphires, Lady's Yellow Gold Two Stone Mounting w/One Approx. /50 ct. Old Mine Cut Diamond & One Blue Stone, Lady's Yellow Mounting w/Worn Purple Stone, Lady's Yellow Filigree Pin w/Seed Pearls & Small Diamond, Guard Attached, Lady's Yellow Floral Pin w/Seed Pearls & One Approx. .25 ct. Old Mine Cut Diamond, Lady's Yellow Gold Floral Pin w/Seed Pearls & Approx. .12 ct. Old Mine Cut Diamond, Lady's Floral Enamel Stick Pin w/Small Diamond.

COINS

Half Dollars - Silver Dollars & Gold Coins - (2) $1, (22) $2½ , (7) $5 & (1) $10. For Complete List of Coins Contact Auctioneer.

TERMS: CASH OR GOOD CHECK

ESTATE OF W. EMERSON GENTZLER
EXECUTOR: THE YORK BANK & TRUST CO.
ATTORNEY: WILLIAM H. KAIN

SALE CONDUCTED BY BLAINE & NEVIN RENTZEL
EMIGSVILLE, PA
PHONE - (717) 764-6412 8:00 TO 4:00 PM
(717) 266-1671 6:00 TO 10:00 PM
PA LIC #761 & #2483

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

JULY

SAT. JULY 1 - 11AM, Real Estate, along Rt. 25 in the Village of Spring Glen, Schuylkill Co., PA, Hugh F. Jackson, owner, Deibert Auctioneers.

PUBLIC AUCTION

Of Irrigation Equipment; Strawberry Equipment; Farm Equipment; Household; Antiques; and Buildings

SATURDAY, JUNE 17, 1989

at 9:30 A.M.

Due to selling Farm for development, I will sell at Public Auction 5377 Kerger Road, Ellicott City, Maryland, in Howard County. From Rt. 70 take Rt. 29 South, 2.5 miles turn left on Rt. 103 follow Rt. 103 2.5 miles to Kerger Road turn left, farm 2/10 mile on right.

STRAWBERRY & IRRIGATION EQUIPMENT

20 acres of irrigation pipe; 3" Lateral lines 30' & 40'; 6" main line 30' & 40'; 8" main line 30', (all sections); 250 - 9/64 nozzles, 250- 11/64 nozzles; 1000 gal. per min 540 RPM pump 8"; 65 hp. gasoline pump 6"; lots of elbows, tees, and extra fittings; 11' fumigator with tarp attachment; 2-two row land plane; 220 gallon 18' boom high pressure sprayer; 2 row mechanical transplanter; 2- 8 ton wagons equipped to haul 40' irrigation pipe and more.

FARM EQUIPMENT & TOOLS

DX 92 Deutz 4 WD Tractor with cab, heat, air cond. & radio, 2400 hrs.; 656 diesel WF, wts., 5600 hrs; 2- two JD model B's; 2 bottom 12" & 14" plows; Ford PTO hayrake; 7' JD sickle bar mower; Case hay crimper; 3 springtooth harrows 8' 9' & 12'; 11' JD disc on rubber; 3 bottom 3 pt. hitch 16" plow; 2 row JD corn planter; 4 row White 543 corn planter; JD 15 disc grain drill; 45 KW propane generator - 600 hrs.; Haybuster big bale buster; heavy duty Ferguson 2 row sub-soiler, heavy duty Ferguson 2 row rototiller; 2- 10 ton Schuld Feed Bins; 12 HP case riding lawn mower; 2-14' heavy steel gates; 2- 250 gal. diesel tanks; 1- 500 gal. nitrogen tank; round bale carrier; Brillion dbl. cultipacker; calf creep feeder; platform scales; one hole corn sheller; grindstone; wheat cradle, 4 hole hog feeder; 8 horse drawn plows & cultivators; 3 pt. fertilizer spreader; 2 flatbed wagons; one horse sleigh; produce scales; electric motors; hand tools; power tools, wood working tools; new bags & produce boxes; lots of small items.

BUILDINGS

Four bedroom farm house, Barn #1, 30'x60' with hand hewn chestnut timbers; Barn #2 36'x46' with excellent oak and poplar boards; 1 shed 20'x30'; 1-one log meat house; all shrubbery and trees around house to be sold.

HOUSEHOLD & ANTIQUES

Solid oak table wt. 4 leaves; electric cook stove wt. 2 ovens; Timberline wood stove; Hollywood bed, 2 small wardrobes; air conditioners; window fans; rocker; 3 living room chairs; Butter churn; Marble door knobs; kitchen cabinets; flat irons; 25 cu. ft. freezer, large iron pot; crocks & jugs (of all sizes); canning jars; 2 refrigerators; 30 gal. hot water heater; electric scales; Sausage stuffer; box of old marbles; old lamp electrified; old hanging scales, suitcases; 1 peck & 1/2 peck measures; 2 & 10 gal. milk cans; 3 meat saws; 2 pr. deep water fishing boots; lg. tent; two 12'x12' rugs; small rugs; sleigh bells; Christmas bells; pitcher & basin set; Carnival glass, Cobalt Blue glass, old; Ironstone platter; pressure cooker; old cookie cutter; cow bell; old bottles; light fixture; 2 milk stools; electric food warmer; many items too numerous to mention!

(2) Winchesters Model 12 Shot Guns.

(1) Winchester Model 97 Shot Gun.

Auctioneers Note: This is a complete liquidation of a full line of Equipment & Household. Come prepared to buy! Everything sells. There may be two Auctioneers selling at one time. Come early.

TERMS: Cash, Certified or Travelers checks; no out of State checks unless you are a regular and approved customer. All others need a current Letter of Credit from your bank.

SALE ORDER: Household & Antiques, Irrigation and Farm Equipment, Buildings at 12 noon.

OWNER:

JOHN NICOLAI

5377 Kerger Road
Ellicott City, MD 21043
301-747-3092

RIDGELY'S AUCTION SERVICE

Ridgely, Ridgely & Streaker, Auctioneers
301-549-2488 or 301-465-9413

LUNCH SERVED

Carroll's Sales Co., Inc.

PUBLIC AUCTION

OF LARGE TRUCKS, TRACTOR TRAILERS & TRAILERS & CONSTRUCTION EQUIPMENT

SATURDAY, JUNE 17, 1989, 11:00 A.M.

EVERYTHING SELLS "AS IS" EVERYTHING SELLS HIGHEST BIDDER

138+ TRUCKS AND TRACTORS:

1 - 1988 Chev ¼ ton & refrig body 15,000 miles a/c, a/t, p/s
3 - 1986 White Tractor /Sleeper
1 - 1984 White Integral Sleeper 300 Cummings - 10 speed
1 - 1983 Mazda B-2000 Pickup
2 - 1986 Freightliner 400 Cat 15 speed 40 sleeper
3 - 1985 GMC Brigadier 300 Cummings 9 sp, 38 rear low miles
5 - 1984 GMC Astro Cabover sleeper 350 Cummings 13 speed 38 rear
6 - 1984 Kenworth K100 Cabover sleeper 350 Cummings 9 speed air ride tandem fleet maint.
1 - 1982 International dump, 300 Cummings new style, 8 speed rear
1 - 1984 GMC, Single Axle Dump, 3208 Cat, 5 speed new body and paint
1 - 1985 FL, 1206 AI, 400 Cat Fuller 130.0 60 walk in sleeper
1 - 1985 FL 400 Cat 13 sp 42 sleeper air ride, 1 owner
1 - 1985 Peterbuilt cabover 110" air ride, Jake Brake, 400 Cat 13 sp O/D
8 - 1984 R 6R6 Mack single axle EM6 275 H/T T20 5 sp Mack trans 12 front, 23 rear
4 - 1985 Kenworth W - 900 300 Cummings, Jake Brake, 9 sp trans, 38,000 lb rear, 208 wheel base, 5 year warranty, 300,000 miles
1 - 1985 Inter 9670 350 Cum 95 P P/S A/C new paint
4 - 1983 GMC Brigadier 270 Cummings 9 speed 38 rear
1 - 1984 KW cab over Cummings 350 13 sp, 12 FA 38 RA, A/C/P/S air ride susp.
1 - 1982 Ford F-700 22' flatbed, 370 gas, 5 speed rear, P/S, A/C, 1
1 - 1981 F-700 16' flat dump, 8 - 2 diesel, 5 speed 2 speed rear, P/S
1 - 1980 Mack Dump 350 Mack, 83 engine, new dump body, inside and out
1 - 1982 Astro, 350, Cummings Fuller 1300, P/S sleeper, custom paint
1 - 1981 International 350 Cummings Fuller 9 speed, P/S sleeper custom int.
1 - 1978 International COI 40/0B Cummings 10 speed
1 - 1978 Mack F 786 ST, cabover sleeper 300 Mack
1 - 1977 LN900 tandem dump truck 671 Detroit 10 speed road ranger
1 - 1977 Mack R 686 ST, 300 Mack 5 speed 1022 rubber
1 - 1979 Truck Tractor Mack 1 300 5 speed 12,000 ft, 34,000 rear
1 - 1977 GMC 9500 2 5pt trans single axle 671 Detroit
1 - 1977 GMC 9500 single axle 2 spd rear, 671 Detroit
2 - 1980 Brigadier 6 V92 Detroit trans axle 8 sp trans
1 - 1975 Freightliner cabover rebuilt motor 1980 6V92 tag axle
1 - 1975 Peterbuilt, 350 Cummings 10 sp trans, air ride, low mileage
1 - 1985 Freightliner 400 Cat 13 speed 60 walk in sleeper
1 - 1982 Astro 350 Cummings 9 speed spring sus, 38 rear
1 - 1981 International cabover sleeper 350 cummins 10 sp
1 - 1979 Freightliner conventional cab 40" sleeper 400 cummins
4 - 1984 White integral sleeper 310 cat, 9 speed, spring suspension
1 - 1979 Freightliner convention cab sleeper 400 cummins 13 speed
1 - 1977 International COF 470A Cummings 13 speed trans
1 - 1976 Ford platform lift truck
1 - 1974 Reo, 290 Cummins 50,000 dump, 17' alum new paint
1 - GMC Astro cab over sleeper 318 Detroit, 1973
1 - 1972 L 900 534 gas tandem with Holmes 650 mechanical wrecker
1 - 1974 GMC 671 Detroit twin screw 22' metal dump 10 wheel
1 - 1972 R model Mack, 230, Mack new dump body, 13 speed fuller, 75 rubber
1 - 1973 International C0470A, 23 Detroit
1 - 1972 GMC Astro 95, 238 Detroit
1 - 1970 International F 470A cabover, 318 Detroit
1 - 1968 Loadstar 1600 345 inter-gas, 5 speed 20f moving body side doors
1 - 1967 Ford C700 5 speed rear
1 - 1966 White single axle tractor 220 Cummins 10 sp road ranger
1 - 1966 Mack 10 wheel diesel, 22' alum twin screw dump body
1 - 1967 International COF 4000 238 Detroit
1 - 1979 FL, 400 Cummings Fuller 130.0 40" sleeper Jake Brake, dual stacks
1 - 75 International 350 Cummins Fuller 9 speed, 12FA 34 RA
1 - Boom truck
1 - 1974 Ford MB trash truck
2 - 1984 Peterbuilt tractor
1 - 1979 International F2600 diesel, 290 Cummins, 9 speed new meadows 16' body
8 - 1980 Mack 747 ST tractor 300 6 speed
1 - 1980 Mack, 300 Cummins Fuller 9 speed, 12 FA 38 RA U Model spring susp
1 - 1979 Peterbuilt 400 Cummings 13 speed cabover sleeper bent frame
15 - 1979 International 1965 - 72 passenger school buses
3 - 1979 Ford F-800 cab and chassis
4 - 1978 Ford F-800 cab and chassis
3 - 1984 Mack MS200P 20' - 24' bodies 27000 GVW & 29500 roll up rear, 175 HP diesel, 5 speed trans 11R.22.5 radials
3 - 1985 Mack MS2000 20' - 24' bodies (same as 1984's)
2 - 1984 Ford 15' parcel van - 460V8, 1000 # GVW, 40 gal fuel tank A/C, P/S, A/C P/B A/T O/H rear door
3 - 1985 Ford 15' parcel vans (same as 1984s)
1 - 1984 GMC 22' gas van - 366 V8, 23160 GVW, O/H door (rear) P/S 5sp, a/c
1 - 1982 Fl, 400 Cummings 15 sp, 370 rear, 47" sleeper
1 - 1981 GMC, diesel, Loadmaster, rear end loader, auto, 222, Cat
1 - 1983 Chev C GD 366 V 4 sp 18 f Box P/S
1 - 1980 Merz diesel 55 P, 14' fan body
2 - 1979 Astro 290 Cummings 10 sp, P/S A/C 4 springs
1 - 1979 Inter F 2600 diesel, 290 Cummings 9 sp 10 body
1 - 1978 Chev C 50 cab and chassis 350 V8, 4 sp, P/S hyd brakes
1 - 1974 ERO F 700 22' van 391 gas 45 P
1 - 1969 GMC 2000 LB lift gate 379 motor rebuilt gasoline
1 - 1982 Ford F700 service truck - Detroit 8.2 diesel, 5 sp, 2 sp rear frt mt wench

52+ TRAILERS

7 - 43' Frue Trl with thermal icing units exc cond 1982
8 - 43' Frue Trailer with thermal icing units exc cond 1984
1 - Dump trailer
2 - Tank trailer 4500 - 5000
1 - 1979 utility 43' refrig
1 - 1982 utility 43' refrig
2 - Stainless steel tank trailers
10 - 45' trailers
1 - 1984 Trailmobile 48'
1 - Dump trailer
1 - 1982 Dorsey 48'
2 - 84 Trailers, 45'
1 - 42' Bud flat bed, sliding tandem
1 - 48'x102 84 Trailmobile
1 - 1973 24' Tag-a-long trailer

CONSTRUCTION EQUIPMENT

1 - Kruger backhoe
1 - Kruger backhoe, one case front end loader
1 - Drott, rubber tire excavator
1 - 72 Chev., hydro crane, H5 Bucyrus Frie hydro crane, 65 main boom & 20' gib, 4 part block sold with unit
1 - 366 Bantum backhoe
1 - 977 Cat Trac loader
1 - 1977 IHC 1600 welder truck (crew cab)
1 - R O. Model PJ200 hydraulic digger Derrick 13,000 & cap
1 - 1972 Pettybone super 4, forklift, 4wh/drive 24' mast
1 - 1980 Pettybone super 6 forklift 33' mast
1 - 530 Case backhoe
1 - 420 Ford backhoe
1 - Clark forklift
1 - Hyster forklift
1 - 6 row J-Deere cultivator
1 - Case forklift
2 - H-International
1 - 420 J-Deere tractor w/side console

MISCELLANEOUS

1 - 1925 Ford Model T, 4 dr leather roof, original
80 - Truck tires in sets of 4
1 - 160 CFM air compressor (rotary screw)
1 - 1958 Corvette

AUCTION WILL BE HELD AT:
Delaware State Fairgrounds, US 13, Harrington, Delaware
INSPECTION:
Thursday and Friday, June 15 and 16
Removal, June 19, 1989
TERMS:

Complete payment day of sale, Cash, Cashier's check, Travelers check or money order, personal or company checks must be accompanied by a bank letter of guaranteed payment. Temp. tags avail. with proof of ins.- $25 buyer's fee.

SAMPLE OF GUARANTEED LETTER:

Mr. _____ is a customer of our bank and we will guarantee payment of checks written on his account up to _____ dollars for purchases at your auction on June 17, 1989.

Checks are to be payable to Carroll's Sales Co.

CARROLL'S SALES CO., INC.
CHESTER LEE CARROLL, AUCTIONEER/RESIDENT
"We Sell The Earth And Everything On It"

PUBLIC AUCTION

OF REAL ESTATE & PERSONAL PROPERTY

SATURDAY, JUNE 24th

at 10:00 A.M.

REAL ESTATE at 11:00 A.M.

Located along Spring Grove Rd. between Goodville & Terre Hill in the Village of Union Grove; from Rt. 23 in Goodville turn at Apache Dealer & follow Spring Grove Rd. approx. 3 mi. to property; East Earl Twp., Lancaster Co.

REAL ESTATE CONSISTS OF: 2½ story brick house on approx. 2/3 acre lot; 1st floor has eat-in kitchen and 3 other rooms and laundry; 2nd floor has 4 bdrms. w/ closets & bath; cement basement; oil H/W heat; well/pressure system; nice porch & shade trees; 2 car detached garage w/ work bench and chicken house.

OPEN HOUSE: June 3, 1-3:30 P.M. or by appointment w/Horning Farm Agency, Inc. 215-286-5183.

TERMS: 10% down day of sale. Settlement on or before August 8, 1989.

TERMS BY:

Edna S. Horning & Mary S. Lehman
Trustees of the Elva S. Huber Estate
(John M. Huber Property)
Attorney R. Douglas Good

HORNING FARM AGENCY, INC.
Alvin Horning #AU-000433-L
Merle Eberly #AU -002417-L
Main St., Morgantown, Pa. 19543
215-286-5183

Watch for Personal Property Information In June 10th And 17th Issues

PUBLIC AUCTION

REAL ESTATE AUCTION

152 ACRES OF WOODLAND AND 19 RENTAL UNITS

THURSDAY, JUNE 15th

At 12 Noon

PARCEL #1: Being Approx. 152 acres of woodland located along Manor Rd. in Lower Windsor Twp., York Co., Pa. (No Buildings). Deed Ref. Book 92, page 0482, Tax Map IL, Parcel 25, York County Street Map location Page 24, Block C-11. This tract of land has good flow of water on it. This is a good chance to buy a large tract of ground to build if you really want to be by yourself. Sign posted, property has been recently surveyed. Take A Look, Come Ready to Buy.

PARCEL #2: 19 Rental Units known as 145-155 West Main St. in the Borough of Windsor. 1 and 2 Bedroom Apartments. Most always rented, they have an income of approx. $85,000 and expenses of approx. $21,000. A personal inspection will be needed for this property. Information provided upon request.

Property will be available for inspection each Saturday from 10 A.M. to 2 P.M. or by special appointment. Call owners at 927-6211 or 755-5452.

TERMS: 10% Down on Sale Day. Purchase Price and Balance in full within 90 days.

FULL TERMS AND CONDITIONS WILL BE PROVIDED SALE DAY OR BEFORE SALE IF REQUESTED. Property sold free and clear, But "AS IS".

SPECIAL NOTE: Auction Site.

Auction of properties will be held within Brad Smith Auction Co., located Approx. 5-6 Miles South of Red Lion along Route 74 on right just before the Brogue. If directions needed, call Auction office at (717) 927-6949.

Announcements made by the Auctioneer on the day of the Auction will take precedence over all printed material and advertising.

Auction for Sellers:

RICHARD T. SNYDER
GLENN E. SNYDER,
co-partners
Peter J. Mangan, Attorney for sellers and prepare of terms and conditions.

Auction conducted by:
BRADLEY K. SMITH, GRI, CRS
Auctioneer-Pa. Associate Real Estate Broker Lic. #860L
Brogue, Pa. (717) 927-6949
"The familiar name in Real Estate Auctions."

AUCTION

SATURDAY, JUNE 17

At 10:00 A.M.

TROY, PA

(Bradford County)

Located 2 miles north of Troy, Pa. on Rt. 14 at MC CLURE FORD TRACTOR.

SELLING: 27 riding mowers, 3 farm tractors, Ford 24' rollback, Ford 20' tilt bed, '84 Bronco II, Ford 350 flatbed beavertail w/winch, Ford 4x4 pickup, Case crawler loader, J.S. 2010 dozer, 5 mobile radio units, 4 offices of office equipment, Ford special tools, 30 parts bins, all shop equipment, AW dynamometer, injector tested, Nuday hyd. & flow tester, official Ford free standing sign, and much much more.

MC CLURE FOR TRACTOR

Owners

For info call 717-297-2171

ask for Ron McClure

MANAGED AND SOLD BY:

DICK CRITTENDEN AUCTION COMPANY

MANSFIELD, PA 16933

Tel. 717-662-3131

Pa. Lic. #RY000026-L

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. JULY 1 - 11AM, Complete Herd Dispersal, Titusville, PA, Windy Hill Farms.

TUES. JULY 4 - 9AM, Real Estate, antiques, quilts, HH goods, 68 N. Church St., Brownstown, Lanc. Co., PA, Ida Gehman Estate, T Glenn Horst and Sons, Aucts.

FRI. JULY 7 - 7PM Horse Sale at New Holland Sales Stables Inc., New Holland, PA.

SAT. JULY 8 - 9:30AM, Personal property and antiques, located east end of Weaverland Rd., between Churchtown and Spring Grove, Lanc. Co., Caenarvon Twp., Ida Shirk and Mary Kilmer, owners, Paul W. Horst and Leroy S Horst, Aucts.

TUES. JULY 11 - 11:30AM, Advance Notice Heron Run Farm Complete Dispersal, Washington, NJ, Max E. Spann, owner, Dan Vosburg, Manager.

PUBLIC AUCTION

SAT., JUNE 17 At 9:00 A.M.

LOCATED: South of Red Lion on Rt. 74, approx. 10 miles, turn left on Sinclairs Store onto Goram Rd., go approx. 2 miles. Property on right. Sign posted.

REAL ESTATE

Approx. 5 acre tract of land w/4 Bdrms., home w/approx. 3,600 sq. ft. on first floor, full bsmt. This home is 70% remodeled inside, quiet setting, stream and approx. 3 acres of woodland. Lower Chanceford Twp., Red Lion York Co. For appt. call 927-9158 owner. Home will be open each Sat. from 10 A.M. to 2 P.M., York Co. Street Map page 43, block D-2, deed ref. 66T, page 633, tax map #O, parcel 15.

TERMS: 10% down and balance within 60 days. HOME TO BE OFFERED AT 12 NOON.

ANTIQUES, GAS ENGINES, GUNS, GLASSWARE ETC.

Oak side by side, oak bed, oak chairs, sm. oak table, butcher kettle w/lid, stand, stirs & other utensils, 1 horse open sleigh, Gilbert mantle clock, library table, Acme egg scales, some antique toys, key wind pocket watch w/key, antique & collectable glassware, glasses, bowls, platters etc., large Griswalt & Erie collection of skillets from sampler size to size 14, other Griswald pcs. #9 roaster, #866 lamb cake mold, griddle, sampler teapot, #1110 meat & food grinder, #947 brownie or goldball pan, #273 corn stick pan, #27 Wheat stick pan, #9 Walpak w/Indian head & others, also some Wagner, picture frames, Jim Beam bottles & other coleictable bottles, Old Commercial meat slicer, two man cross cut saw, bar light, ox yoke, upright piano w/bench, other misc. dresser & bed frames, 21 cu. chest type freezer, Magnavox stereo, hospital bed, kitchen table & chairs, 2 water rams, 5 HP New Holland w/saw rig, 1¼ HP Fairbanks, 1½ HP McCormick Deering, 1¾ HP Hercules, 5 HP Sattley, 2 twin cylinder Maytag engines, gas engine cart, iron wheel garden tractor, Farmall Cub tractor good condition, 4x4 1963 International 1 ton pickup truck, 1965 Mustang Coupe 6 cyl. nice condition, 4x4 1966 International ½ ton short bed, rearends for old car in the 30's Studebaker, Buick, Chev., Ply Chrs, 37 Ford lights, Model T coils, 28 Packard wheels, tracker all-Tursen, 22 Springfield Mod. 87A w/carving on stock, 22 Mod. 71, 22 Cal gun Hamilton #27, 6.5 Swedish Mauser and many more items not listed such as car parts, sm. antiques, glassware, engines etc. Please come early to look around.

TERMS: CASH OR GOOD PA. CHECK.
NOT RESPONSIBLE FOR ACCIDENTS OF ANY KIND
GOOD FOOD AVAILABLE

Sale By:

RALPH E. & LOIS C. BORTNER

Attorney: Andrea S. Anderson

BRADLEY K. SMITH, Auctioneer's Lic. #860
Carl Smith, Scott Shaull & Patricia Smith
Lic. #2625, Lic. #AA1730, Lic. #AA1848
"AUCTIONS YOUR PLACE OR MINE"
"Clip and save one time ad"

Dairy and Livestock Sales

FRI JULY 14 - 1:30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511.

SAT. JULY 15 - 10AM, Farm Equip., 3 mi. E. of Klingerstown, 1 mi. S. of Rough & Ready in Mahantongo Valley, Schuylkill Co., PA from Rt. 25 at Gratz turn N. 4 mi. to Klingerstown, Katherine Kehler, owner, Deibert Auctioneers.

FRI. JULY 21 - 9AM Equipment Sale at New Holland Sales Stables Inc, New Holland, PA.

TUES. JULY 25 - 10AM Quilt & Buggy Sale at New Holland Sales Stables Inc., New Holland, PA

FRI. JULY 28 - 1.30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511

AUGUST

SAT AUG 5 - 9AM, Real Estate, 2½ story house on a double lot, antiques, primitives, collectibles, Main St., Frystown, PA, Berks Co, This is an outstanding Auction, Dwight D Miller, Auct

FRI AUG 11 - 1.30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511

FRI AUG 18 - 9AM Equipment Sale at New Holland Sales Stables Inc, New Holland, PA

FRI AUG. 25 - 1 30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc Exit 12 Off I-81, Phone 717-249-4511

HILLSBORO FARM COMPLETE REG. HEIFER DISPERSAL

SAT., JUNE 10, 1989

At Approx 12 Noon - At New Holland Sales Stables, New Holland, PA

Due to the fatal farm accident of both father and son in 1987. The dairy and bred heifers were dispersed. These heifers are the balance of this home bred Herd.

40 Reg. Holstein Heifers - 1 Red & White Reg. Bull. 15 Big Fancy heifers BRED 6 TO 7 MONTHS - **25 Milky Heifers** Bred from 2½ to 4 MOS.

Years of Sire Power Breeding - Over 40 years of DHIA Testing. **Records** - selling hfr's out of Dams w/records to 23,838 Milk - 839 Fat.

Sires Rep. Ned Boy, Spirit, Chairman, Standard Stewart, Elvan plus others!

Last Chance to Bid on Hillsboro Farm bred cattle! Plan to be the last bidder!

Interstate Tested - Pregnancy Checked - Nazal Jened!

100% Calfhood Vacc! - 100% Registered

Owners: For The Estate Of

L. MARTIN VAN NUYS & KENNETH L. VAN NUYS

Belle Mead, N.J.

Presented for the Estate by:
Col. Fred F. Daniel Auctioneers Inc.
Neshanic Sta., N.J. 201-369-4784

NEW HOLLAND SALES STABLES ANNUAL REGISTERED HEIFER SALE

SATURDAY, JUNE 10, 1989 10:00 A.M.

500 HEAD OF REGISTERED HOLSTEIN HEIFERS

ALL AGES - CALVES, YEARLINGS, SPRINGERS AND FRESH ANIMALS

FRESH HEIFERS AND BULLS SELL AT 12:00 NOON

SPECIAL MENTION OF EARLY CONSIGNMENTS

STONEHURST FARMS CONSIGNS 100 HEAD

* Triple Threat Due Oct.
Dam EX With EX Mammary And Over 31,000M - 1000F.
GR DM EX 22,000M.
* Ned Boy Due In June To Rotate.
Dam VG 88 Valiant With Over 30,000M - 1200F.
GR Dam EX Elevation With 1000F.
* Yearling Royalty Dau.
Dam A VG Glendale With 1187F.
GR Dam 91 2E GMD Over 32,000M - 1200F.
3rd Dam 91 2E GMD Has 30,000M - 1178F.
** A Fancy Melvin Dau Bred To Bell Ramos.
Dam EX 91 2E With EX Mammary 36,580M 3.9% 1434F.
GR Dam EX 92 2E GMD Has 26,240M 4.7% 1238F.
3rd Dam EX 94 2E GMD Over 28,000M
The Famous Ivanhoe Shirley Cow.
* Red & White Regal Red Dau.
GR Dam EX With 21,000M.
3rd Dam EX 91 4E GMD.
6th Dam VG. All Have 4% Test.
* Merit Dau Sells Fresh Her Dam EX 91 2E With EX Mammary.
* Two Groups Of Heifers From Northern Pa. Herd Dispersals. Both Herds Sired By Sire Power.

KOLB ACRES HEIFER DISPERSAL

* Symbol Calf From EX Dam With Over 19,000M.
* Red & White Cavalier Born Dec.
Her Dam VG 88 Over 19,000M And 3.6%.
Gr Dam 20,000M - 800F.
* Cleitus Born Jan. Dam VG 88 Astronaut Dau With 25,000M - 944F.
2nd Dam VG Arlinda Chief With Over 26,000M And 1060F.
* **Special Mention:** Jan. Cleitus Dau. Her Dam 1st Place 5 Yr. Old And Best Udder. Reserve Senior Champion 1989 PA Farm Show.
* A Group Of 40 Bred Heifers From The Van Neys Herd In New Jersey. These Heifers Are Well Grown Due For Summer And Fall Freshening. They Will Be Represented By Col. Fred Daniels, Neshanic Station, NJ.
* Several Groups Of Heifers From Local Breeders. Many With Good Records And Pedigrees To Match.
* 40 Head From Henry Lapp, Gap, PA. Included In This Group Are 20 Open Heifers, 20 Short Bred And Springing Heifers.

Catalogs Day Of Sale.

Out Of State Buyers And New Buyers Need Bank Letter Of Credit.

FOR MORE INFORMATION CONTACT

ABE DIFFENBACH 225L
717-354-4341 (Barn)

HENRY KETTERING- PEDIGREES
717-569-0675

NORM KOLB
717-397-5538

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

TUES. AUG. 29 - 6PM Gun and Clock Sale at New Holland Sales Stables Inc., New Holland, PA.

SEPTEMBER

FRI. SEPT. 8 - 1:30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc Exit 12 Off I-81, Phone 717-249-4511.

FRI. SEPT 8 - 7PM Horse Sale at New Holland Sales Stables Inc , New Holland, PA.

SAT SEPT 9 - 10AM, Complete Farm Machinery Dispersal, located on Blue Rock Rd., just off Rt. 999, between Millersville & Washington Boro, Charles K Nissley, owner, Wolgemuth Auction Service

FRI SEPT. 15 - 9AM Equipment Sale at New Holland Sales Stables Inc , New Holland, PA

SAT. SEPT 16 13 Acre farmette, farm equip , tools, antiques and household goods Along Frysville Rd 2 mi northwest of Martindale, Reuben B and Edna W. Martin, owners, Nevin Martin, Andrew Martin, Paul Horst, Aucts

FRI. SEPT. 22 - 1 30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511.

SAT. SEPT. 23 - 10AM Fall Heifer Sale at New Holland Sales Stables Inc., New Holland, PA

SAT. SEPT. 30 - Farm Toy Show & Auction. York, PA. Fairgrounds Main Bldg. 717-768-3554.

OCTOBER

FRI. OCT 6 - 9AM Equipment Sale at New Holland Sales Stables Inc., New Holland, PA

FRI. OCT 13 - 1:30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511.

TUES. OCT. 17 - 10AM Quilt & Buggy Sale at New Holland Sales Stables Inc., New Holland, PA.

WED OCT. 25 - Dairy Show & Sale at New Holland Sales Stables Inc., New Holland, PA.

FRI. OCT. 27 - 1:30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511.

NOVEMBER

FRI NOV. 3 - 9AM Equipment Sale at New Holland Sales Stables Inc., New Holland, PA.

FRI NOV. 10 - 1:30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511.

FRI. NOV. 24 - 1:30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511.

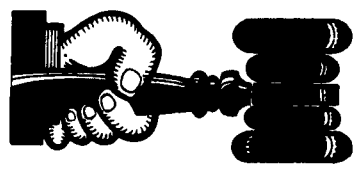
DECEMBER

FRI. DEC. 13 - 1:30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc Exit 12 Off I-81, Phone 717-249-4511.

FRI. DEC. 22 - 1:30PM State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc. Exit 12 Off I-81, Phone 717-249-4511.

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.



AUCTIONEER'S DIRECTORY

Kline & Kreider Auctioneers

COMPLETE PROFESSIONAL AUCTION SERVICE
REAL ESTATE — FARMS & RESIDENTIAL
PERSONAL PROPERTY — ANTIQUES —
FARM STOCK SALES — LIQUIDATIONS

RANDAL V. KLINE
AUCTIONEER-REALTOR
717-733-1006

LLOYD H. KREIDER
AUCTIONEER
717-786-3394

ROY E. GOOD, JR.
AUCTIONEER
215-445-4309

Auctioneer:
Steve
Steve Jr. **Petersheim:**

Petersheim Auctioneers

COMPLETE AUCTION SERVICE

Antiques
Household Goods
Farm Equipment
Real Estate

Take Note - Our New Phone Number
215-593-2828

POTATO, HORSE, & GENERAL FARM EQUIPMENT DISPERSAL

ULYSSES, POTTER CO., PA
SATURDAY, JUNE 10, 1989
10:00 A.M.

Sale to be held on the former Bert Bennett farm on Fox Hill. Follow arrows from Main St. Rt. 49, or on Rt. 449 at Brookland 3 miles South of Gold, or 3 miles North of U.S. Rt. 6 at Deer Park.

POTATO EQUIPMENT & HORSES
BUD & KEN PERKINS, OWNERS
814-848-7915

J.D. #216 potato planter, Gandy applicators, all rebuilt, ex.; J.D. #30 2-row digger; new beds for J.D. digger; Haines bulk trailer loader, 36' boom, 26" picking table and elliminator; Advanced bin unloader 24"; 15 spool brusher; 16' and 20' bag conveyors; Haines 26" grader; Homemade 20" grader with 20" picking table; quantity 26" grader chain; Haines double bagger; Dits-Wetzel seed cutter; homemade duster; Advanced splitter/sizer; pecking scales; platform scales with over and under head; bag trucks; Advanced bin loader 28' boom; quantity new and used burlap; Iron Age 14 row hyd. boom sprayer with wood tank; Iron Age sprayer for parts; 18 row Friend sprayer hyd. booms; Friend wood tank 12 row sprayer; Iron Age planter; Gandy applicators rubber or steel; seed splitter; steel deck 19' low trailer for produce; 2 other trailers; coal storage stove; J.D. 2 row front mounted cultivators; portable water pump; 4 row 3 pt. tool bar cultivator; 2 pt. 2 row tool bar.

FROM JERRY BARNETT: Lockwood Super Mark Aire, steerable axle, cleanout fan, ex. cond.; Haines windrower, steerable axle; J.D. #30 potato digger, steerable axle with stone windrow attachment.

HORSES & EQUIPMENT, CAMPER

5 REGISTERED AND 2 GRADE BELGIANS, cogeins test and shipping fever shots, broke to drive.
4- 3 YR. MARES (one shown in Illinois)
Sires - County Line Mike
Rossiers Centennial du
Kips Jazzman
Jay Continuation
1 REGISTERED STUD born 3-1-87, 16 hands, blood typed. **Sire:** Bonville Missy's Mark. **Dam:** Queen Farcuer.
2- 3 YR. BLONDE GELDINGS, 17 hands.

Set new work harnesses, lines and bridles; New Idea 10A spreader new chain; Int. 2 row corn planter; walking plow; handle cultivators; Stopover 17' camper sleeps 6, clean, equipped, licensed; Spring wagon seat; sulky plow; wheel cultivator; etc.

GENERAL IMPLEMENTS
JERRY PIRRUNG, OWNER
814-848-7401

Farmall Super M, n f., pulley and hyd.; Farmall Super MTA, W.F , new rubber, dual hyd., pulley; Farmall M, n.f , pulley, hyd.; Farmall 450, w f., 2 pt ; 2 pt 3 bottom plow, 2 pt. 7' mower; 2 to 3 pt. adapter; Cockshutt 550 tractor, live pto; JD 2510 diesel, dual outlets, power shift, w f., JD 145 all hyd. bucket loader; JD 3 bottom mounted plow, JD side mount mower; JD #9 3 pt. mower; 3 pt wood splitter, McCullough and Stihl chain saws, Gehl 99 blower; Little Giant corn drag elevator, 3 pt fert. spreader; Woods 72 trailer rotary mower, JD flat wagon with grain racks; 2 kicker wagons with flotation tires; Case 36' transport hay and grain elevator; JD 24' skelton elevator; NH 329 single beater pto spreader; Int. 10' transport cutway disc; Hustler 56 blower; NI 214 single beater spreader, hyd. endgate and new T bar chain, 2 Kasten unloading wagons; Int 16 disc drill (no fert), Patz chain cattle feeder, 2- 716A JD unloading wagons, tandem gear, 3 beater & roof, JD and Polaris snowmobiles; CX 500 Honda, shaft drive, liquid cool, 12,000 miles, 5 HP compressor, portable pickup fuel tank and pump; etc

FROM RUBE RUSSELL: (All housed, nice) Farmhand grinder-mixer; NH 717 chopper w/2 row cornhead; NH SUper 24 blower; Int. 4 row cultivator; corn planter; Grove unloading wagon, NH gear flotation tires; Int. 105 S P. combine 10' head

NOTE: Some of this equipment is older, but in good condition. You will find a nice line of hard-to-find smaller potato equipment. We will sell some new tools and related items at 10.00 AM, Potato equipment not before 1:00 PM, General implements before potato equipment, Horses last.
TERMS: CASH OR GOOD CHECK
LUNCH BY 4-H

AUCTIONEER: COL. C.E. BOOM

SALE CONDUCTED BY
JERRY PIRRUNG SALES
ULYSSES, PA 16948
814-848-7401
#1646

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

Dairy and Livestock Sales

NEW HOLLAND SALES STABLES, INC.

Located 12 Miles East of Lancaster, just off Rt. 23, New Holland, Pa.

SPECIAL DAIRY SALE CONSIGNMENTS
For
WEDNESDAY, JUNE 7, 1989
Heifer Sale Starts At 11:00 A.M.

June is dairy month

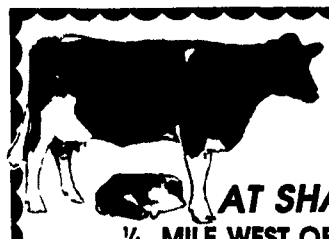
Complete Herd Dispersal from
Lester Smucker, Narvon, Pa.
51 Head of Sharp Holstein Cows.
This is a good young herd averaging 55 lbs. milk per day. 12 fresh in the last 6 weeks, 10 due July and Aug., 22 due from Sept. thru Nov.

****

* 1 load fresh and springer cows consigned by Norman and David Kolb.
* 1 load fresh and springer cows consigned by Merle Brenneman.
* 1 load fresh and springer cows consigned by Marvin Eshleman.
* 1 load fresh and springer cows consigned by Raymond Smucker.
* 1 load fresh cows consigned by Dale Hostetter.
* 1 load fresh cows consigned by Albert Albright.

PLUS MANY MORE CONSIGNMENTS

For More Information Contact:
Abe Diffenbach 225L
717-354-4341-Barn
Norman Kolb
717-397-5538



HOLSTEIN HEIFER SALE

AT SHADY LANE DAIRY SALES INC.
¼ MILE WEST OF QUARRYVILLE, PA. OFF RT. 372
ONTO OAK BOTTOM ROAD

FRIDAY MORNING, JUNE 9, 1989
9:00 AM (DST)

APPROXIMATELY 600 TO 700 HEAD OF HOLSTEIN HEIFERS

100 small heifers, 150 open heifers, 300 to 400 short bred and springing heifers. Both registered and high grade.
Groups Include:
70 head due in June, July and August.
35 head due in Summer and Early Fall.
55 head of fancy big open heifers.
23 head of open from 16,000 lb. herd avg.
75 head of short breds reg. and grade.

If you have heifers to consign on this sale have them T.B. and blood tested now, it takes at least 2 weeks to get individual charts made. If by June 5 you have not received your charts, please let us know and we can assist you.

SALE ORDER- CALVES, SMALL HEIFERS, OPEN HEIFERS, THEN FRESH ANIMALS AND BREEDING AGE BULLS. FOLLOWED BY A SHORT BREAK THEN SHORT BRED HEIFERS AND ENDING WITH SPRINGERS.
HEALTH CHARTS MUST ACCOMPANY ANIMALS AT UNLOADING, WE WILL BE RECEIVING DURING NORMAL BUSINESS HOURS ANY TIME AFTER TUESDAY NOON. NO ANIMALS ACCEPTED AFTER 3:00 PM THURSDAY.
HEIFERS MUST BE FROM JOHNE'S FREE HERDS, NO AUCTION ANIMALS ACCEPTED.

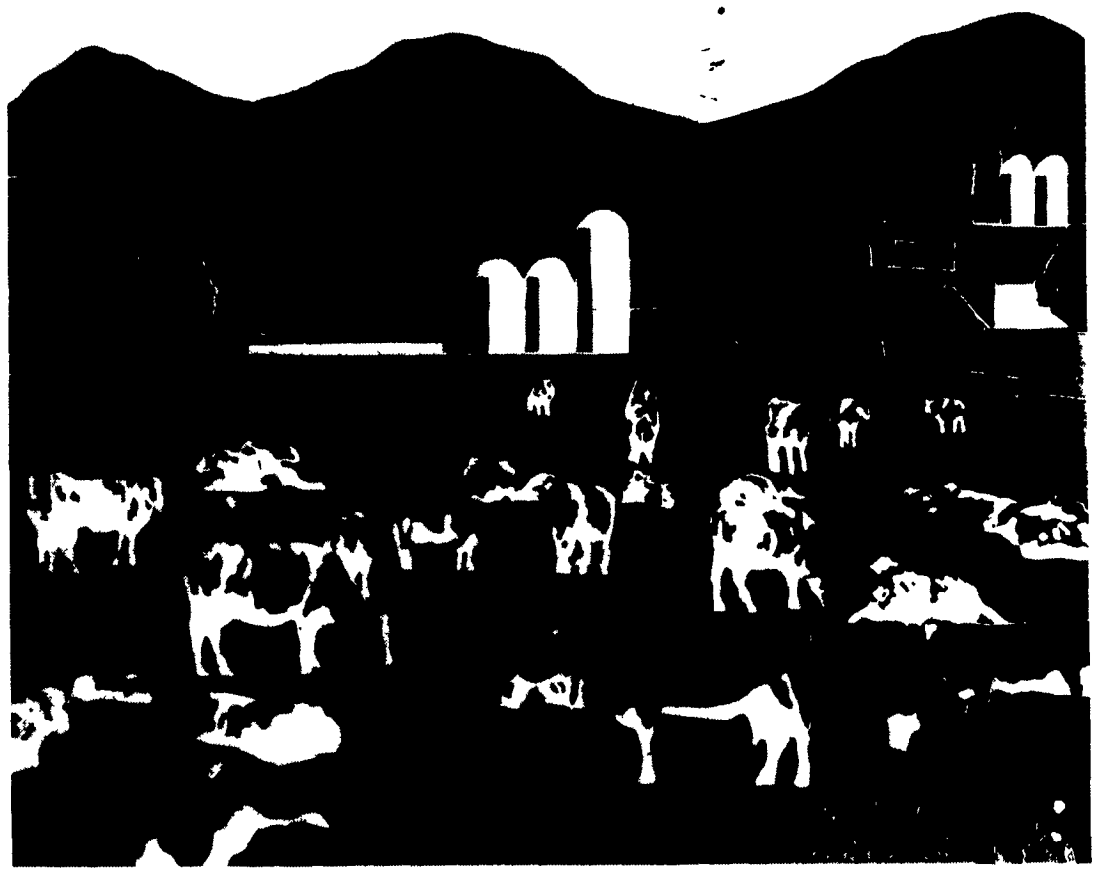
SHADY LANE DAIRY SALES, INC.
23 Shady Lane
Quarryville, Pa. 17566

GLENN D. FITE
717 786-2750
DAVID L. FITE
717 786-1725

MELVIN KOLB, INC.

Lancaster, PA **Woodsboro, MD**

PRIVATE SALES DAILY



PUBLIC AUCTIONS MONTHLY

500 ON HAND AT BOTH FARMS 500

Purebred Fresh Cows

Purebred Springing Cows

Grade Fresh Cows

Grade Springing Cows

Purebred Fresh Heifers

Purebred Springing Heifers

Grade Fresh Heifers

Grade Springing Heifers

Purebred Stock Bulls

Grade Stock Bulls

Purebred & Grade Heifer Calves

PRIVATE
PUBLIC SALES MONTHLY
DAILY

LANCASTER, PA FARM

(717) 569-6800
(717) 569-2106

Next Public Sale
*** 150 HEAD ***
Thursday, June 1, 1989
7:30 P.M.

WOODSBORO, MD FARM

(301) 898-7720
(301) 898-7663

Next Public Sale
*** 150 HEAD ***
Thursday, June 15, 1989
7:30 P.M.

Dairy Tips By Dr. John Clark

Purina Mills Dairy Consultant

PURINA MILLS, INC.

BUFFERS FOR LACTATING COWS

Inadequate fiber or total dry matter intake, especially during hot weather, increases the need for added ration buffers. They will help but balancing the ration for adequate fiber & other nutrients is still critical for top production.

Buffers are chemical compounds that help reduce rumen acidity. Saliva, naturally produced by the cow when chewing & ruminating, contains large quantities of buffers.

If adequate cud chewing does not occur, acid in the rumen builds up because of insufficient saliva buffer production. Rumen ph is then lowered which results in rumen acidosis, along with low butterfat & poor production.

DO YOU HAVE ENOUGH C.F.U.'S??

C.F.U.'s are silage inoculant Colony Forming Units. A recent article in Hoards Dairyman reports that naturally occuring levels of beneficial bacteria are "almost always under 10,000 C.F.U.'s per gram of forage." The article recommends to "apply a minimum of 100,000 units of **LIVE** bacteria per gram of forage. Our Purina Maxi-Sil is formulated with 300,000 units of **LIVE** bacteria from three specialized strains of lactic acid producing bacteria to provide you with confidence that it will make a difference in protecting your forage crop and ensiled grains. This level is so high that you do not need to raise usage level for grains. Purina Maxi-Sil truly delivers MAXImum SILage protection at a cost effective price. Talk to your Purina Dairy Specialist about the right Maxi-Sil for your needs.

Maxi-Sil Preservative
- corn silage, alf haylage
- small grain silages
- contains enzymes + acids
- a mold and yeast fighter
- lowers heat damage

Maxi-Sil Liquid Inoculant
- H.M. ear corn, H.M. shell corn
- corn silage, alfalfa haylage
- three strains of bacteria
- high in Colony Forming Units
- 18 months stability
- lower dry matter loss in silo

Maxi-Sil Dry Inoculant
- H.M. ear corn, H.M. shell corn
- corn silage, alfalfa haylage
- special packaging
- increases palatability
- high in Colony Forming Units

These dealers treated over 100,000 tons of silage last year with Maxi-Sil and are working to increase that this year. See them for your total silage preservative needs.

WARRIOR'S MARK FEED CENTER
P.O. Box #130
Warriors Mark, PA 16877
814/632-5490

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